

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded		
Youth learning, software, video game	CarpeBot (PaaS)	http://herdvestaff.com/CarpeBot/	CarpeBot is an intro to programming game. The CarpeBot Open Source Academy gives secondary school students a taste of the latest source development through a combination of classroom sessions and hands-on project work. The aim is to get Academy students to the point where they can develop their own game as a real open source project. For example, previous Academy participants wrote unit tests for the Flock project, contributing to the overall quality of the popular open source library management system.	Ages 8+	Self-paced		CarpeBot					N/A					2012		
Youth learning, in-person, summer, camps, robotics, youth learning, girls, women, network, events, workshops, mentors, internships, and a variety of technology based programs. Programs include ChickTech, High EndTech, ChickTech Career, Joint Program with CodeSisters, ChickTech Mentor, and ChickTech Internships. Currently fiscally sponsored by TechStart Education Foundation.	Catalyst Open Source Academy	http://catalystnet.org.nz/academy		Secondary school students		Free	Open source					New Zealand			academy@catalystnet.org.nz		2011		
Adult learning, in-person, workshops, events, advocacy, network, entrepreneurship, underrepresented, web development, mobile, teacher resources	ChickTech	http://www.chicktech.org/	ChickTech (nonprofit pending) is a multi-generational community of women and girls helping each other to become technology creators. ChickTech is dedicated to helping women in the technology workforce and increasing the number of women and girls pursuing technology based careers. Programs include ChickTech, High EndTech, ChickTech Career, Joint Program with CodeSisters, ChickTech Mentors, and ChickTech Internships. Currently fiscally sponsored by TechStart Education Foundation.	High school and adult women			Various		Portland	OR		Portland, OR			info@chicktech.org		2012		
Youth learning, in-person, camps, game design	Children's Creativity Museum: Game Design with Scratch Programming Camp	http://creativity.org/programs/camps/	The Children's Creativity Museum's Game Design with Scratch Programming Campers will learn fundamental programming concepts while creating their own simple video games using Scratch, a kid-friendly programming language developed by MIT.	Ages 9-12	1 week	\$350/week	Scratch	221 Fourth Street	San Francisco	CA		94103 San Francisco, CA			info@creativity.org	(415) 820-3320			
Youth learning, in-person, camps, game design	Children's Creativity Museum: Tyker Programmista Camp	http://creativity.org/programs/camps/	The Children's Creativity Museum's Tyker Program Campers are one-week campers that teach kids (grades 2-8) how to create their very own computer games and animated stories, which they can share with their friends and family.	Grades 3 - 8	1 week	\$600/week	Tyker	221 Fourth Street	San Francisco	CA		94103 San Francisco, CA			info@creativity.org	(415) 820-3320			
Adult learning, in-person, bootcamps, in-person, summer, camps, robotics, game design, computer programming, LEGO, challenge-based	Clair Academy	http://clairacademylvl.com	A 12-week boot camp in Java and .NET that take you from novice to entry-level professional in 12 weeks. Expect to spend 60 hours per week getting through our intense courses.		12 weeks; 60 hours per week	\$8,000	Java and .NET. Classes in Javascript and Quality Engineering coming soon.	615 Olive St #600	St. Louis	MO		63101 St. Louis, MO			info@clairacademylvl.com	(314) 499-6888	2015		
Adult learning, in-person, workshops, events, advocacy, network, entrepreneurship, underrepresented	Classroom Antics	http://www.classroomantics.com/	Classroom Antics seeks to inspire, excite, and enrich the lives of children in today's technology world. They deliver educational hands-on programs that promote creativity and teamwork in the safest environment possible. Their camps include Jr. LEGO Robotics camp, Jr. Video Game Design Camp, LEGO Robotics Camp, Computer Programming Camp, Stop Motion Animation Camp, and more.	Ages 7 - 13	1 week	\$199+	Robotics, game design, animation, computer programming					Cincinnati, OH; Columbus, OH; Cleveland/Akron, OH	Toby Foote		toby.foote@classroomantics.com	(800) 595-3776	2007		
Adult learning, in-person, workshops, events, advocacy, network, entrepreneurship, underrepresented	Coalition for Queens	http://www.queens4tech.org/	Coalition for Queens works closely with community groups, elected officials, and other stakeholders to raise awareness about the growing tech community in Queens.	Underrepresented populations, immigrants		Access Code (iOS app development) bootcamp - 8 weeks, weekend classes	Access Code - \$950; Full scholarships available for students from underrepresented communities	42-55 Kissena Blvd #223	Flushing	NY		11355 Queens, NY	Jakay Hsu, David Yana	Founder, Co-Founder	jakay@coalitionforqueens.org; david@coalitionforqueens.org		2011		
Youth learning, online, in-person, camps, school, social platform, web development, game development, mobile, teacher resources	Code Avengers	http://www.codeavengers.com/	Interactive online courses that teach the basics of web development and computer programming, in a way that makes learning fun and effective. If you want to learn HTML5, CSS3 and JavaScript, Code Avengers is for you!	Ages 8-18	2-5 day coding camp; Self-paced	School program: level 1 Free; Levels 2-3, \$5 per student; Camp: \$120	HTML5, CSS3, JavaScript					Any school, camp in New Zealand & Morono Valley, CA			question@codeavengers.com		2011		
Youth learning, in-person, underrepresented, camps, summer, web development, game development	Code Camp	http://www.codecamp.com/	Code Camp empowers kids to build with web-technologies, starting with HTML, CSS and JavaScript. We'll then teach them to use powerful frameworks like Meteor to build whatever they're passionate about. Code Camp will also cover CS fundamentals including data structures and algorithms to prepare students for solving challenging problems. They will study students for the types of questions that they'll encounter when interviewing for CS jobs.	High school	4-week summer programming boot camp	Free	HTML, CSS, Javascript, Frameworks like Meteor and Processing.js					East Palo Alto, CA	Shadi Bahoumi		shadi@stanford.edu				
Adult learning, workshops, in-person	Code Chicago	http://www.codechicago.com/	Code Chicago offers a series of 12-week programming courses at Chicago's innovation center, Bluebird7. At the end of Code Chicago courses, students will have strong understanding of basic programming syntax and structures as well as have designed, implemented, and deployed functional web and/or mobile applications. Code Chicago courses are structured to emphasize group collaboration and foster inspirational thinking. Ideal for working professionals eager to expand their skillset, courses are offered from 12:00-3:00 pm on Saturdays. Current course offerings are: Mobile HTML/CSS/Javascript, Intro to Java and Android Mobile, Intro to Graphic Design, Intro to Web Design, Game Design 101 3D Modeling using Maya, Intro to Ruby on Rails, and Digital Analytics & Marketing. Course Chicago also offers monthly, part-time workshops designed by local practitioners that are members of Chicago's vibrant and entrepreneurial tech community.	Adults	12 weeks	\$1500 per course	Mobile development, HTML/CSS, JavaScript, Java, Android, Graphic design, Web design, Game design, Ruby on Rails, etc.	1647 South Blue Island	Chicago	IL		60608 Chicago, IL			info@bluebird7.com	(312) 624-9555	2013		
Adult learning, online, mobile	Code Coalition	https://www.codecoalition.com/	Code Coalition offers a three month, comprehensive and immersive online course that starts from the beginning and teaches the tools needed to be an iOS developer. Students will receive short and easy to digest videos daily and will be able to immediately apply concepts learned on assigned projects. Although everything can be learned individually, learning to code is much easier with a supportive environment. Students will be able to interact, ask questions, and even collaborate on projects in our online community.	Adults	3 months	\$125	Objective-C, iOS7, Xcode 8, Storyboards, Git, Parse, API Integrations, Core Data, Analytics		New York	NY		N/A			help@codecoalition.com		2013		
Adult learning, online, resources, guide	Code Conquest	http://www.codeconquest.com	Code Conquest - a FREE online guide to computer programming for beginners. You can introduce yourself to coding, take free code tutorials, compare and select programming language, become informed of the coding knowledge center and even learn how to start a career in computer programming. The website doesn't provide training itself. It provides links to other training resources like online courses and books.	Beginners	Self-paced							N/A			hello@codeconquest.com				
Adult learning, in-person, bootcamps, workshops, weekends	Code Fellows	https://www.codefellows.org/	Code Fellows bootcamps are intensive, 16-week long, hands-on learning experiences. You will be trained by industry practitioners and experts in the field. Participants receive daily instruction from top-tier teachers and classroom learning is augmented with peer-to-peer learning and projects with real-world applications. Code Fellows also provides evening & weekend classes. The evening classes offer the same high-quality instruction, real-world projects, and small class sizes as the bootcamps. These classes are reserved for beginners and/or students who are not able to schedule time to attend a bootcamp.	Various skill levels	8 weeks (4 weeks silver, 4 weeks gold)	(Eight-week bootcamps are \$9k total (USD): \$4k for Silver and \$5k for Gold. Evening classes are \$3k total. Workshop bootcamps: If you do not have a job offer or at least book within nine months of completing the Gold bootcamp, refund your tuition.	Ruby on Rails, JavaScript, Python, iOS	511 Boren Ave. N.	Seattle	WA		Seattle, WA	Andy Sack, Will Little	Co-Founder, Co-Founder/CEO	hello@codefellows.com		2013		
Youth learning, game, online	Code Kingdoms	http://codekingdoms.com/	In Code Kingdoms, kids build and protect their own worlds and share them with friends. Code Kingdoms allows kids aged 6 to 13 to learn computational thinking alongside a real coding language, whilst promoting soft skills like problem-solving, teamwork and time management. It encourages kids to experiment with code knowing that it won't always work - 'breaking things is OK'. Getting stuck, debugging and further problem-solving are all part of how programmers work in the real world.	Beginners	Self-paced	Free	JavaScript								team@codekingdoms.com				
Adult learning, in-person, underrepresented	Code for Progress	http://www.codeforprogress.org	Code for Progress is looking for applicants from communities historically excluded from the process of developing technologies for the social justice movement - low-income people, LGBTQ folks, people of color, and women. We believe that people who can bring their communities' experience into building the tools we use in the movement are the people who will carry us past roadblocks to building power. Our year-long program starts with a 16-week residency in Washington DC, where participants learn to code and navigate the professional social justice environment. All participants receive a monthly stipend and housing allowance during their time in DC. Then, we facilitate their transition into jobs at social justice organizations where they can use their skills and experience to advance organizational capacity. Code for Progress also provides participants post-residency with a vibrant alumni community and professional mentorship team.	Folks historically underrepresented in technology	One year (4-month residency program, 8-month post-residency program)	Receive housing and living stipends that allow them to live in DC and focus on learning		1220 L Street NW, Suite 100-513	Washington	DC		20005 Washington, DC			info@codeforprogress.org	(202) 817-2633	2013		
Youth learning, in-person, school, workshops, after-school programs, web development, mobile, game development	Code in the Schools	http://www.codeintheschools.org/home	Code in the Schools (non-profit) partners with local schools and rec centers to provide computer programming classes for students in an after-school setting. Students will create original games, apps, and websites, while learning skills that prepare them for tomorrow's workforce.	Youth	After school		Web development, mobile, game development	203 Bolton Pl	Baltimore	MD		21217 Baltimore, MD			Mike LeGrand, Gretchen LeGrand	Founder, Director	mike@codeintheschools.org	(917) 974-6376	2013
Youth learning, online, tutorial	Code Maven by Geeky Ventures	http://www.geekychill.com/code-maven	Code Maven is a tutorial that helps you learn JavaScript by creating with shapes and colors.	Beginners	Self-paced	Free	JavaScript					N/A			maven@geekychill.com				
Youth learning, online, tutorial	Code Monster by Geeky Ventures	http://www.geekychill.com/code-monster	Code Monster is a tutorial that helps you learn JavaScript by creating with shapes and colors.	Beginners	Self-paced	Free	JavaScript					N/A			monster@geekychill.com				
Youth learning, game, web development	Code Razer	http://coderazer.me/	Even if someone has zero experience with building websites, they'll be able to watch a video tutorial and complete the code challenges that will give them the basic skills to launch a web site.	Youth		Free	The backend to the game uses Facebook Connect, Node, CoffeeScript, Socket.io and Spine. The frontend uses HTML5, CSS3 and jQuery.					N/A			Ryan Carson	Founder			
Adult learning, new	Code Ramp	http://coderamp.org	Code Ramp is a mobile software development and design instructional studio at the heart of NYC's tech scene in DUMBO, Brooklyn. The group has not done any programming as of August, 2013.	Not yet determined	Not yet determined	not yet determined	Not yet determined	iOS Development				New York, NY			Jeff Soto, Isaac Schmidt	hello@coderramp.org			

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Adult learning, online, job placement, competition	Coding for Good	http://c4good.org/	Coding for Good is an effort to bridge the skills gap through real world application and complements Apollo Group's The Virtual Apprenticeship™. To participate, you will need to complete selected coding lessons and submit a final project. Participants with the top three submissions will then be flown out to Los Angeles to participate in a hack-a-thon, and the best of the three hack-a-thon participants may be offered a job at C4GOD to work alongside our team of talented coders.	Various skill levels	Self-paced	Free	HTML, CSS, JavaScript, animation, API, etc.					N/A			codingforgood@c4gocdn.com		
Youth learning, online	Coding Hawks	http://codinghawks.wordpress.com/	Coding Hawks is a program for young coders who want to learn programming, sharpen data structure and algorithm design skills, gain coding and problem solving experience, and become more prepared for programming competitions!	Young beginners			Java					N/A			codinghawks@gmail.com		
Adult learning, in-person, bootcamps	Coding House	http://codinghouse.co/	The Coding House is the world's first live, eat and code software developer training program. Live in a house with 10 other like-minded developers sharing in the experience of coding boot camp, eliminating all the distractions that can get in your way. You won't worry about finding a place to live, traffic, cooking and cleaning. Over the course of 2 months you will learn HTML5, CSS3, JavaScript, Coffee Script, jQuery, PHP, Ruby on Rails, agile development, MVC and much more.	Junior developers	2 months	\$14,400	HTML5, CSS3, JavaScript, Coffee Script, jQuery, PHP, Ruby on Rails, agile development, MVC, and more	2955 Woodside Rd Suite 400	Woodside	CA	94062	Woodside, CA			info@codinghouse.co		
Adult learning, in-person, bootcamps, development, back	Coding White Black	https://codingwhiteblack.com	Coding White Black is a Chicago-based network that "collectively is building community and creating opportunity for blacks in technology. Our members are developers, designers, and other individuals passionate about supporting and mentoring the next generation of black tech talent. We are currently running an apprenticeship program that teaches web development skills to adult men and women. The program is open to all adult regardless of race, ethnicity, gender, or cultural background. That being said, our curriculum and program structure is specifically designed to meet the needs of those who come from underrepresented and/or underserved communities.	Adults	9 weeks			1501 S Kilbourn	Chicago	IL	60623	Chicago, IL	Dominic M. Luddel		dominic@codingwhiteblack.com		
Adult learning, in-person, women	College Code Camp	https://squareup.com/code-campcollege-coder-camp	Square developed College Code Camp, a four-day immersion program developed to inspire, educate, and empower the next generation of women in technology. Participants win a trip to Square's San Francisco headquarters to participate in the program, where they'll attend coding workshops, leadership sessions, and tour Silicon Valley—all while surrounded by top women engineers from across the U.S. and Canada.		4 days	Free						San Francisco, CA			codecamp@squareup.com	2013	
Youth learning, app	Commander Crayon	https://itunes.apple.com/WebObjects/MacCommanderView/wwwmain.ram?mt=19&rs=631141	Commander Crayon is a graphical educational programming language which teaches users the basic concepts of programming. In Commander Crayon users push buttons (or manually type) to build a program that draws a picture. Very complicated and intricate pictures can be created with a few lines of code.			\$1.99 in iTunes						N/A			eric@commandercrayon.com	(202) 705-1819	2012
Youth learning, girls, middle school, in-person, mentors, AppNet	Computer Science and Animation STEM Camp	http://idsforbushack.csu.edu/dragonfly-winter-camp/spring-camp/degrees.html	The Computer Science and Animation STEM Camp will use Alice/Screencasting Alice as its curriculum to teach the girls how to use computer programs like Alice to develop video animations and create animated stories. The young women of this camp will work with Embury-Riddle faculty and students to learn computing concepts that will prepare them for careers in computer programming studies. The program will also engage Embury Riddle University students in order to mentor/teach them as a way to provide additional support and visibility for the university's women in computers.	Girls ages 12-14		\$275	Alice					Daytona Beach, FL	Hanya Mir, Dr. Tim Wilson	Embury Riddle University	summer@erau.edu twilson@erau.edu	(386) 226-7945 (386) 871-6911	
Computer Science and Technology for Urban Youth (CSUY27)		https://csuy.org/	CSUY is a new organization dedicated to bringing computer science and technology related educational opportunities to high school and middle school students. They will provide classes, internships, academies, summer programs, teacher training and professional development, mentoring, online content, curriculum, etc. CSUYT also offers Hacktack Sessions on Saturdays for NYC high school students. With these sessions, students will learn advanced computer science concepts and gain hands-on experience with programming. CSUYT also offers Hacktack Sessions on Saturdays for NYC high school students. With these sessions, students will learn advanced computer science concepts and gain hands-on experience with programming.	Middle and high school	Hacking sessions Saturdays from 9 am to 12 noon	Free hacking sessions for youth	JavaScript, Python, MongoDB, etc.					New York, NY			hacktacksessions.info@csuy.org		
Advocacy, computer science, underrepresented, collaborations	Computer Science Collaboration C-Sci Project	http://www.csciproject.org/	C-Sci Project aims to effectively increase participation of underrepresented groups in computer science education by effectively building collaborations between K-12, community-based organizations, higher education, and industry. The organization seeks to connect the various outreach and K-12 outreach organizations that are part of the Broadening Participation in Computing (BPC) community, specifically focusing on outreach and collaboration with persons with disabilities, African Americans, Hispanics, American Indians, Alaska Natives, Native Hawaiians, Pacific Islanders, and women.					19020 33rd Avenue NE, Suite 210	Lynden	WA	98039	National	Enrico Pontelli	Chair	bpc@csproj.org	(425) 877-4760	2010
Adult learning, teacher development, K-12	Computer Science for High School (CS4HS)	http://www.cs4hs.org/	Google's Computer Science for High School is an initiative sponsored by Google and the National Science Foundation designed to bring high school and middle school curriculum. With a gift from Google's Education Group, universities develop 2-3 day workshops for local high school and middle school CS teachers. These workshops incorporate informational talks by industry leaders and discussions on new and emerging CS curricula at the high school and middle school level. Now, CS4HS has expanded to include K-12 teachers in all subjects, pre-service teachers, educators, and counselors. Google provides funding to universities to develop the workshop and is committed to having local employees participate in workshop sessions whenever possible.	Any university, community college, or technical school in the U.S., Canada, Europe, the Middle East, Africa, China, Australia, and New Zealand is welcome to apply.		Grants are provided to universities to provide workshops.						United States, Canada, Europe, the Middle East, Africa, China, Australia and New Zealand			cs4hs@google.com		
Youth learning, in-person, summer, camps, robotics, animation, game development	Computer Science Outreach at UT Dallas	https://www.facebook.com/CSK12Outreach/UTDallas	Computer Science Outreach at UT Dallas introduces Computer Science & Programming to Dallas area middle school students through a variety of activities. Animation, Robotics, Music, Images, Games, etc) and encourages them to consider it for future careers. CS department in E&E campus of UT Dallas conducts several FREE workshops & courses in various programming languages (Java, JavaScript, Alice, ...) throughout the year for school students. Additionally, they conduct programming competitions and CHAMPS Summer Camp as well.	Youth		Free, fee per course, summer camp - \$200-\$250	Java, JavaScript, Alice, Scratch, etc.					Dallas, TX			csk12@utdallas.edu		
Adult learning, youth learning, online, teacher resources	Computer Science Unplugged	http://csunplugged.org/	CS Unplugged is a collection of free learning activities that teach Computer Science through engaging games and stories that use cards, string, crayons and lots of running around. CS Unplugged is suitable for people of all ages, from elementary school to seniors, and from many countries and backgrounds. Unplugged has been used around the world for over fifteen years in classrooms, science centers, and homes.	All ages	Self-paced	Free	Computer science					N/A					
Youth learning, online, curriculum, activities, computer science, teacher resources	Computer Science Unplugged	http://csunplugged.org/	CS Unplugged is suitable for people of all ages, from elementary school to seniors, and from many countries and backgrounds. Unplugged has been used around the world for over fifteen years, in classrooms, science centers, homes, and even for holiday events in a park!	Primarily five to twelve year-olds	Self-paced	Free						N/A					
Youth learning, in-person, animation, game development, summer, camps	ComputerMaxx	http://www.computermaxx.org/	ComputerMaxx is a group of parents and professionals tired of hunting for great technology summer camps for their kids. So they decided to take some time off their work in the summer to create high quality and affordable technology camps for their kids to learn and enjoy digital technology and for families who have similar needs.	K-12	1 week	\$199/week to \$599/week	Alice, Arduino, Java, JavaScript, Kodu, PHP, Python, Ruby, Scratch	1600 Saratoga Ave, Suite 427	San Jose	CA	95129	San Jose, CA			info@ComputerMaxx.org		
Campaign, advocacy, counselor development, underrepresented	Counselors for Computing (C4C) NCUWTI	http://www.ncwti.org/programs/c4c/counselorinfo/counseling-c4c	Counselors for Computing (C4C) is a national organization that recruits, trains, and supports high school students to become computer science educators. C4C provides ongoing support and resources to its members, including mentorship, training, and networking opportunities. C4C also provides a platform for its members to share their experiences and work together to advance the field of computer science education.									National	Jane Krauss	Program Manager	krauss@ncwti.org		
Adult learning, online, certification	Coursera	https://www.coursera.org/	Coursera provides free university courses taught online by real professors. Coursera is a non-profit organization that provides a platform for universities to offer their courses online. Coursera is a non-profit organization that provides a platform for universities to offer their courses online.	Various skill levels	Self-paced	Free, paid Signature Track with certification	Humanities, Medicine, Biology, Social Sciences, Mathematics, Business, Computer Science, and many others.	1975 W. El Camino Real, Suite 200	Mountain View	CA	94040	N/A	Daphne Koller, Andrew Ng	Co-Founders	feedback@coursera.com		2012
Adult learning, in-person, bootcamps	Craftsmanship Academy	http://craftmanshipacademy.com/	Craftsmanship Academy immerses participants in a real-world studio where leading software craftsmen will guide their learning. The program has three phases: skills immersion, apprenticeship, and mastery. During the skills immersion, students will learn test-driven development of object-oriented programming, web application development using Ruby, Rails, HTML, SASS, JavaScript, SQL, no-SQL, mobile development for iOS, data structures, design patterns, agile software development, and much more. Students who successfully complete the skills immersion matriculate to a 3-6 month apprenticeship developing real-world projects under the supervision of master craftsmen. Finally, those who successfully complete the Apprenticeship phase will matriculate into a 3-6 month residency at Roadkilled. Successful participants in the program will have gained everything he or she needs to both find a successful software engineering job or start their own business.	Various skill levels		Max \$2000 for phase 1. \$1000 paid to student for other phases. Financial options available.	Ruby, Rails, HTML, SASS, JavaScript, SQL, no-SQL, mobile development for iOS, data structures, design patterns, agile software development, etc.	6720 RoseModel Way	Holy Springs	NC	27140	Holy Springs, NC			communications@craftmanshipacademy.com	(919) 699-4367	2011
Youth learning, in-person, summer, camps, game development, elementary school	Creative Coding for Kids	http://www.creativecodingforkids.com/	Creative Coding for Kids teaches kids the joy of coding computers by helping them write their own customized summer game! They actually offer a self-run, week-long summer camp in NE Seattle, for ages 8-12. They use Scratch, the MIT developed tool created just for this purpose. After-school classes are also being considered for next fall.	Ages 8-12	1 week	\$185	Scratch					Seattle, WA			info@creativecoding4kids.com		2013
Youth learning, online, network, teacher development, Exploring, Computer Science curriculum, CS10K standards-based	CS10K Community	http://cs10kcommunity.org/	The CS10K Community is where teachers of Exploring Computer Science (ECS) and Computer Science Principles (CSP) come to connect with each other and with the resources and expertise they need to excel. With the support of a team of expert facilitators and supporting professionals, teachers get answers to their burning questions, share their experiences, and work together with others to develop innovative practices. The community also provides powerful pedagogies, get students engaged with exciting technologies, and help students learn and to become leaders in computer science education. It is a place where teachers can find the resources they need to succeed.	Teachers using or interested in Exploring Computer Science (ECS) or Computer Science Principles (CSP) curricula		N/A						N/A	Darren Cambridge		dcambridge@car.org		
Adult learning, online, certification, competitions, students, teacher development, web development, game development, robotics, animation	CS2N (Computer Science Student Network)	http://www.cs2n.org/	CS2N is a non-profit organization that provides a platform for students to learn computer science. CS2N is a non-profit organization that provides a platform for students to learn computer science.	K-12 teachers	Self-paced	All activities are Free unless otherwise indicated.	LEGO, robotics, animation, web development, game development	Ten 4th Street	Pittsburgh	PA	15201	N/A			socialmedia@cs2n.org		2010
Youth learning, software-app, video game	Daisy the Dinosaur	http://www.daisythedinosaur.com/	The mission of Daisy the Dinosaur (nonprofit) project of Invent Your Future Foundation is to ensure that women are fully represented in the wide spectrum of exciting, creative and lucrative careers that leverage an education in computer science. Daisy the Dinosaur reaches out to girls - middle and high school students - including those in underserved communities, who use familiar technology everyday (cell phones, video games, the internet), but who usually do not consider careers that envision, develop, market, sell, deploy, or rely on these and other technologies.	Beginners	Self-paced	Free						N/A			info@gethopsotch.com		
Youth learning, girls, conference, blog	Dare 2B Digital	http://www.dare2bdigitalconference.com/	The mission of Dare 2B Digital (nonprofit) project of Invent Your Future Foundation is to ensure that women are fully represented in the wide spectrum of exciting, creative and lucrative careers that leverage an education in computer science. Dare 2B Digital reaches out to girls - middle and high school students - including those in underserved communities, who use familiar technology everyday (cell phones, video games, the internet), but who usually do not consider careers that envision, develop, market, sell, deploy, or rely on these and other technologies.	Middle & high school girls		Conference pricing is \$45 per young woman or \$90 for young women and parent or guardian.						Redwood City, CA	Ruth Stangorin	Co-Founder, CEO	info@dare2bdigitalconference.com	(650) 862-9227 (650) 564-5426	2009

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Adult learning, online	Dash	https://dash.generalassembly.ly	General Assembly launched a new service called Dash, which is designed to help get more people to take advantage of its Web Development courses. Dash teaches HTML, CSS, and JavaScript through fun projects you can do in your browser.	Beginners	Self-paced	Free	HTML, CSS, and Javascript					N/A			online@generalassembly.ly		2013
Adult learning, in-person, bootcamps, certification, members	DaVinci Coders	http://www.dvincicoders.com	The DaVinci Coders Ruby on Rails Training Program provides expert instruction, mentorship, and an immersive environment. The bootcamp provides a day class and a night class option. For people wishing to become proficient in coding, this will require a 30-40 hour commitment outside of class. Industry experts will be available as Coaches, with scheduled hours of when they'll be online and available for questions. In addition, Students will have 24-7 access to the DaVinci Institute coworking facilities.	No experience necessary	11 weeks	Level 1 Certificate program - \$6,000; Level 2 Certificate program - \$8,000	Ruby on Rails	911 E. South Bolster Road	Louisville	CO	80027	Louisville, CO	Thomas Frey	Executive Director and Senior Futurist	hano@dvincicoders.com	303.666-4133	2012
Adult learning, online	Decoded	http://thedeconded.com/	Decoded transforms people and organizations through an understanding of code. Their digital training distills thousands of hours of expertise into a finely crafted learning experience, in a day. Learn to code. Learn about code.	Beginners	Varies	Fee per course						London, New York, NY			amarisus@decoded.us	(646) 573-7533	
Adult learning, in-person, bootcamps	Deep Dive Coders	http://www.deepdivecoders.com/	Deep Dive Coders is a 12-month web programming bootcamp and computer training facility located in downtown Albuquerque, NM. The web development curriculum will include instruction in HTML, HTML5, CSS3, Github, Source Control, JavaScript, jQuery, Apache, MySQL, and pre-Deep Code Divers has a continuously expanding network of employers ready to hire software engineers and web developers, and Deep Code Divers will personally promote students in the program. In addition to the immersive bootcamp, Deep Dive Coders offers private lessons tailored to students' technical needs.		2.5 months	\$5,495	HTML, HTML5, CSS, Github, JavaScript, jQuery, Apache, MySQL, PHP	312 Central Ave SE	Albuquerque	NM	87102	Albuquerque, NM			hello@deepdivecoders.com	(505) 720-1380	2013
Adult learning, in-person, mobile	Delta Program	http://thedeltaprogram.us/	The Delta Program is a collection of passionate people looking to change the future of mobile technology. In this online learning community, students will learn to build powerful programs under the guidance of industry experts. Students work at their own pace, online, with a world-wide community of supporters using a proven curriculum. The program uses virtual environments to turn the most interactive and farthest reaching classroom on the planet. Members of the Delta Program will receive over 120 scientifically engineered activities under the mentorship of professional developers and in collaboration with fellow students around the globe. Students of the Delta Program will learn to code, build their own apps, get awesome jobs, and launch their passions.	Anyone	8 weeks + 3 months of career advancement assistance	\$9,700	Android	912 Congress Avenue	Austin	TX	78701	Austin, TX			info@delta-program.us		
Adult learning, in-person, bootcamps, project-based	Dev Bootcamp	http://www.devbootcamp.com/	Dev Bootcamp is a 9-week intensive training in an intimate class and lab setting. Class is 40 hours per week. Monday through Friday. We teach professional web development using Ruby on Rails. You get instruction through a curated set of videos, lectures and handouts. Practice happens by applying the theory in group projects.	Various skill levels	9 weeks M-F 9am - 6pm	\$12,200. \$3K refund via job hiring program. \$1K deposit. \$500 scholarship if you're female, a US military veteran, or from an underserved or underserved area. \$1000 for students with a learning disability.	Ruby on Rails, HTML5 & CSS	717 California Street, Suite 200	San Francisco	CA	94108	San Francisco, CA, Chicago, IL	Jesse Farmer	Co-Founder	hello@devbootcamp.com		2012
Adult learning, in-person, bootcamps, after hours	Dev Mountain	http://thedevmountain.us/	Dev Mountain is a 12-week coding school in Provo, UT where students are trained and mentored by industry experts. The program is perfect for everyone from beginners to individuals with more programming experience. DevMountain promotes hands-on learning, a flipped classroom, intense instruction, and engaged mentorship. Over the course of 12 weeks students will learn core engineering skills, web application basics, development best practices, front-end development, advanced javascript and responsive design. Afternoon get together and networking and test driven development. Students are expected to commit 20-30 hrs to the program each week, but because instruction occurs during work hours and evenings students may be able to maintain their day job and/or traditional school schedule while participating in the program.	Various skill levels	12 weeks	Full-time/immersive - \$8,900 (financing available); After hours (part-time) - \$3,300 - \$4,500; partial reimbursement through job placement program.		560 S 100 W	Provo	UT	84601	Provo, UT			admin@devmountain.in	(801) 657-9935	
Adult learning, in-person, web development	DevOps Bootcamp	http://www.cwagpac.org/internship/devopsbootcamp/	DevOps Bootcamp is a 9-week web development program that focuses on turning you into a professional web developer. Designed for individuals with programming skills, the program and its curriculum offers an unprecedented, hands-on, intensive learning environment. Emphasizing fundamental web development skills and industry practices this course is sure to offer the most efficient way to become a full-stack web developer. The DevOps Bootcamp covers web fundamentals, frontend web development, backend web development, and best practices.		9 weeks	\$5,000	HTML, CSS, JavaScript, front-end & back-end web development	108 Papageorge Business Westboro, Suite 110	West City	IA	52245	West City, IA			OWA@PEPCQUOWA.EDU	(319) 335-1022	
Adult learning, in-person, bootcamps	DevStory	http://thedeystory.com/	DevStory is a 12-week coding and start-up bootcamp class in Oakbrook, IL. DevStory strives to jumpstart careers by giving students the opportunities to learn to code from experienced tech pros, build amazing products that make a difference, and take advantage of their job prep program. The program is an intensive, hands-on, and immersive learning experience. Students will learn HTML5 & CSS3, JavaScript, .NET MVC4, Agile Methodology, responsive design, testing, source control, and soft skills like resume and interview prep. DevStory is looking for students of all background and experience levels. They are looking for students with a strong desire to learn, collaborate, and work hard.	Various skill levels	10 weeks	\$8,000	HTML5 & CSS, JavaScript, .NET MVC4, Agile Methodology, responsive design, testing, source control, and soft skills.	Oakbrook Pointe, 700 Commerce Drive, Ste. 200	Oak Brook	IL	60152	Oak Brook, IL			hello@devstory.com	(630) 445-1429	2013
Adult learning, in-person, bootcamps, web development, full-time, web development, mobile	DevPoint Labs	http://www.devpointlabs.com/	Located in Downtown, Salt Lake City, DevPoint Labs is at the heart of the city and heart of the "Silicon Slopes". Come learn the skills and tools needed to build powerful web apps. Immerse yourself in a community where you'll be surrounded by the most talented and successful web developers.	Various skill levels	11 weeks	\$9,000 - web development; \$9,000 - iOS development; \$2,000 scholarship option for women.	Ruby on Rails, JavaScript, HTML5/CSS3, CoffeeScript, jQuery, AJAX, SASS, HAML, Angular, etc.	190 S. State Street	Salt Lake City	UT	84101	Salt Lake City, UT			contact@devpointlabs.com		2013
Youth learning, in-person, workshops, mobile, summer, camps, entrepreneurship, game development	Digitalart Girls	http://www.digitalartgirls.com/	Digitalart Girls offers custom programs and immersion events in digital entrepreneurship and digital marketing, as well as support and sponsorship to host Digitalart Girls programs in other areas. Curriculum options include: AppLab, WebLab, MediaLab, SocialLab where participants create apps, websites, digital marketing and social media products to introduce and STEM and coding skills.				C++ HTML, Kotlin, Mobile Apps, Scratch	22200 West Eleven Mile Road #271	Southfield	MI	48037	Southfield, MI			inquiries@digitalartgirls.com		2011
Youth learning, in-person, workshops, mobile, summer, camps, entrepreneurship, game development	Digitalart Kids	http://www.digitalartkids.com/	Digitalart Kids offers custom programs and immersion events in digital entrepreneurship and digital marketing. Curriculum options include AppLab, WebLab, MediaLab, SocialLab where participants create apps, websites, digital marketing and social media products to introduce and STEM and coding skills.				C++ HTML, Kotlin, Mobile Apps, Scratch	22200 West Eleven Mile Road #271	Southfield	MI	48037	Southfield, MI			inquiries@digitalartkids.com		
Youth learning, girls, high school, workshops, online learning, camps, development, podcast development, event	DigiGirlz	https://www.microsoft.com/en-us/digigirls/program/00a6fa1a-fa5f-4a5f-b0a6-fa5f4a5fb0a6	DigiGirlz is a Microsoft YouthSpark program, gives high school girls the opportunity to learn about careers in technology, connect with Microsoft employees, and participate in hands-on computer and technology workshops. DigiGirlz Day is a one-day event, held at multiple Microsoft locations worldwide, and is designed to provide high school girls with a better understanding of what a career in technology is all about. DigiGirlz High Tech Camp for girls seeks to expose developers (if the high-tech industry. During the camp session, the girls listen to executive speakers, participate in technology labs and demonstrations, network, and learn through hands-on experience in workshops. Established in 2000, the camp program continues to grow and evolve.	High school girls	Varies	Free	HTML, etc.					National, Global					2000
Youth learning, girls, middle school, in-person, summer camps, workshops, Girl Scouts, robotics, STEM?	Digital Girls	http://www.ncwt.org/programs/digitalgirls/programs	Digital Girls will offer two STEM-focused camps located at the coast woods with a robotics team. The New Jersey troop will offer weekend workshops and the Long Island troop will offer a weekly after-school workshop, three all-day Saturday classes, and two week-long summer camps (one in Nassau County, one in Suffolk County). Girls will be trained on Kodu, robotics, and Agent Cubes in-a-Box.	Middle school girls	Varies		Kodu, robotics, and Agent Cubes in-a-Box					Long Island, NY, NJ			no website, no contact info.		
Youth learning, adult learning, in-person, summer, camps, certification, chapter-based	Digital Media Academy	http://www.digitalmediaacademy.org/	Digital Media Academy is a learning institution that provides summer camps and hands-on courses in 3D modeling & animation, apps & web dev, digital film, music, & post production, game design, photography, art & design, programming & robotics, science & engineering, sports & technology.	All ages	Varies	Fee-based workshops/camps	3D modeling & animation, app & web dev, digital film, music, & post production, game design, photography, art & design, programming & robotics, science & engineering, sports & technology	718 University Ave, Ste. 115	Los Gatos	CA	95032				info@digitalmediaacademy.org	(866) 566-3342	2002
Youth learning, in-person, animation, game development, summer, fall, spring, camps, workshops	Digital Monkey	http://www.digitmonkeyschool.com/	Digital Monkey School's mission is innovative Art education, promotion of the independent development of video games and animation. They teach Digital Art, introducing modern digital Art Creation Tools like Photoshop, After Effects, 3DStudio Max, Unity, UTA, Game Maker, Maya, Flash and much more to youngsters and adults. They have different experimental educational programs that are inclusive to a wide range of students of different age groups and skill levels, from young beginners to post graduates and video game professionals.			Free per course	HTML, JavaScript, Mobile Apps, Python, Scratch	720 El Camino Real #302	Belmont	CA	94002	Belmont, CA			digitmonkeyschool@gmail.com	(650) 296-6321	2006
Adult learning, in-person, bootcamps, mobile	Disruption Institute	http://www.disruptioninstitute.com/	The Disruption Institute is an intensive 12 week programming boot camp focused on getting you to build things. Learn to code by building mobile apps in iOS (Android coming soon). The Disruption Institute is a mobile app bootcamp that focuses on getting you to build things. Learn to code by building mobile apps in iOS (Android coming soon).	No programming experience necessary.	12 weeks	\$4,000 (introductory rate) Regular price \$6,000. \$1,500 refund if you accept a position through our job placement program.	Objective C (iOS mobile apps) Android coming soon					Kansas City, MO		http://www.disruptioninstitute.com/contact		2012	
Adult learning, in-person, bootcamps	Dojo Dev Camp	http://thedojo.devcamp.com/	Dojo Dev Camp is a 12-week coding school in Provo, UT where students are trained and mentored by industry experts. The program is perfect for everyone from beginners to individuals with more programming experience. Dojo Dev Camp promotes hands-on learning, a flipped classroom, intense instruction, and engaged mentorship. Over the course of 12 weeks students will learn core engineering skills, web application basics, development best practices, front-end development, advanced javascript and responsive design. Afternoon get together and networking and test driven development. Students are expected to commit 20-30 hrs to the program each week, but because instruction occurs during work hours and evenings students may be able to maintain their day job and/or traditional school schedule while participating in the program.	Various skill levels	9 weeks	\$7,000 - \$10,000 tuition refund with job placement program	Python	42 N University Ave #204	Provo	UT	84601	Provo, UT			info@dojodevcamp.us	(426) 446-1197	
Adult learning, online	Don't Fear the Internet	http://www.dontfeartheinternet.com/	Through short tutorial videos, you'll learn how to take a basic wordpress blog and manipulate the css, html (and even some php) to match your aesthetic. You'll get empowered rather than creeped by the internet and worst case scenario you'll at least end up having a better idea of how professional web designers turn your design dreams into a reality on screen.	Non-web designers	Self-paced	Free	WordPress, CSS, HTML, PHP, etc.					N/A					
Adult learning, online, curriculum, software	DreamSpark (Microsoft)	https://www.dreamspark.com	DreamSpark is a Microsoft program that supports technical education by providing access to Microsoft software for learning, teaching and research purposes. It's all about giving students Microsoft professional-level developer and designer tools at no cost so that students can chase their dreams and create the next big breakthrough in technology - or just get a head start on their career. DreamSpark's head educators teach the latest technologies and experiment in research. Microsoft knows that to make learning more motivating, relevant, and engaging for today's students requires a diverse set of resources. DreamSpark gives educators the resources to ensure their classrooms always have the latest technologies to challenge, motivate, and keep students engaged in new ways. DreamSpark is also a subscription for Academic Institutions: it provides a cost-effective way to put Microsoft developer tools, software and services in the hands of students and teachers. DreamSpark also provides a cost-effective way to put Microsoft developer tools, software and services in the hands of students and teachers. DreamSpark also provides a cost-effective way to put Microsoft developer tools, software and services in the hands of students and teachers.	College students	Self-paced	Academic institution must have subscription or Free with verified college identification	Microsoft products					N/A			https://www.dreamspark.com/evaluate/DSPOU.aspx		

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Youth learning, in-person, middle school, entrepreneurship, programming, web design, digital marketing, etc.	Dive, Inc.	http://diveinnovations.org/	Our goal is to provide a multi-dimensional learning program designed to share out the potential in the next generation of entrepreneurs and equip them with the powerful skills of technology. Students will experience an introduction to entrepreneurship, computer programming, web design, social media, and digital marketing. Students will also interact with some of Charlotte's most successful entrepreneurs and business leaders and women. Students will learn from specialists in the programming, web design and digital marketing fields. In partnership with the Harris YMCA, the Dive Program will begin its pilot program September 17, 2013. The Pilot will consist of an 8-week program and will include students from the youth program at the Harris YMCA.	Middle school	8 weeks			6000 Fairview Rd Suite 300	Charlotte	NC	28104	Charlotte, NC					704.526.9001	2013
Adult learning, online, MOOCs	EdX	https://www.edx.org/	EdX (nonprofit) provides free university courses plus discussions, quizzes, and other interactive learning. EdX is a non-profit created by leading universities Harvard and MIT. We're bringing the best of higher education to students around the world. EdX offers MOOCs and interactive online classes in subjects including law, history, science, engineering, business, social sciences, computer science, public health, and artificial intelligence (AI). For 30 years, EdX has been the premier summer camp for kids across the world who love technology. Founded in Connecticut in 1982, EdX now operates technology camps in Fairfield, Connecticut and near Atlanta, Georgia, Chicago, Illinois, Philadelphia, Pennsylvania and Boston, Massachusetts. EdX has been recognized as a leading summer camp activities in two-week sessions. Over 20 Technology Workshops - from Game Design, 3D Animation, Film, Photoshop, Digital Media, AR/VR, Robotics, RC Cars, Programming, Outdoor games, swimming, tennis and drama. Co-ed 8-17. Overnight & Day Camp for Teens. Plus we offer a separate Game Design Camp for teens.	Anyone	Self-paced	Free	Law, history, science, engineering, business, social sciences, computer science, public health, and artificial intelligence (AI).	11 Cambridge Center	Cambridge	MA	2142	N/A	Anant Agarwal	President	info@edx.org			2012
Youth learning, summer, camps, game design, media technology, animation, robotics, programming	Envision Computer Camps	http://www.computercamps.com/	Envision is a 42 year old technology and computer camp for kids across the world who love technology. Founded in Connecticut in 1982, Envision now operates technology camps in Fairfield, Connecticut and near Atlanta, Georgia, Chicago, Illinois, Philadelphia, Pennsylvania and Boston, Massachusetts. Envision has been recognized as a leading summer camp activities in two-week sessions. Over 20 Technology Workshops - from Game Design, 3D Animation, Film, Photoshop, Digital Media, AR/VR, Robotics, RC Cars, Programming, Outdoor games, swimming, tennis and drama. Co-ed 8-17. Overnight & Day Camp for Teens. Plus we offer a separate Game Design Camp for teens.	Ages 8-17	1 week, 2 weeks	Fees depend on camp type and format - range from \$795 to \$3,195 per session	Various	54 Stiles Road Suite 200	Salem	NH	03079	Atlanta, GA; Fairfield, CT; Waltham, MA; Lake Forest, IL; Rosemont, PA	Kathleen Rigg	Registrar	camps@computercamps.com	781.933.8795	1982	
Adult learning, in-person, entrepreneurship	Enstitute	http://enstitute.com/	Enstitute is a two-year apprenticeship program that provides an alternative or supplemental path to traditional post-secondary education. Enstitute allows get real world experience while learning the valuable skills they need to be competitive in a 21st century learning economy. Students are mentored directly under the CEO, founder, and/or key executive where they tackle real life problems that have real life consequences. In parallel, fellows are immersed in a comprehensive curriculum built off a foundation focusing on development across business & technical skills, competencies, and broader social & behavioral awareness.	Ages 18-24	2 years		Fields of study include technology startups, digital media & advertising, & non-professional good, business (consisting of marketing, sales, business development, operations, & senior business administration), technology (consisting of front-end development, back-end development, system architecture, IT, quality assurance, UX, UIX), and design	11 Stone Street #4	New York	NY	10004	New York, NY	Shaila Hycherka, Kane Sarhan	Co-Founders	hello@enstitute.com			2012
Adult learning, in-person, bootcamps, web development, mobile	Epicode	http://www.epicode.com/	Epicode is a four month, forty hour per week, in-person class on programming. You'll learn everything you need to know to get a job as a web developer or build your startup's app.	Anyone	4 months	Tuition is \$2,800. If you can't afford to pay the full amount up-front, we will help you cover the cost.	HTML and CSS, jQuery, JavaScript, PostgreSQL, Active Record, Ruby on Rails, Ajax, AJAX, Ember.js		Portland, OR				Michael Kaiser-Nyman		michael@epicode.com			2013
Adult learning, school-based, teacher development, curriculum, high school, underrepresented	Exploring Computer Science	http://www.expcos.org/	Exploring Computer Science (ECS) is a K-12 university national program committed to computer science education for all students. It uses a variety of learning opportunities at the high school level for all students, with a specific focus on access for traditionally underrepresented students. It was developed to increase and enhance the computer science learning opportunities in the Los Angeles Unified School District (LAUSD) and to broaden the participation of African-American, Latino/a, and female students in learning computer science. The program consists of three tightly integrated pieces: curriculum, teacher professional development and policy work at the variety of levels and institutions. Exploring Computer Science is supported by the Broadening Participation in Computing division of the National Science Foundation.	High school students, teachers	N/A		Human Computer Interaction, Problem Solving, Web Design, Introduction to Programming, Computing and Data Analysis, Robotics	UCLA Graduate School of Education and Information Studies, 1205 Moore Hall, Box 951591, 405 Hilgard Ave.	Los Angeles	CA	90095	National	Gail Chapman; David Stewart		chappg@gmail.com			
Youth learning, in-person, workshops, after-school, web development, game development, mobile, underrepresented	Exposure Camps	http://www.exposurecamps.com/	Exposure Camps is a two-week summer experience to learn about mobile development and get hands-on experience developing features that will help more than a billion people around the world connect to the people and things they care about. During the 6 weeks you'll get a crash course in mobile engineering and development, and then you'll get a chance to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment.	Ages 13-18			Web development, app design, game design, Arduino, content creation	Greater Centennial AME Zion Church, located at 312 South 8th Ave.	New York City	New York	10453	Brooklyn, NY	Tina Shouder		exposurecamps@gmail.com	247.684.0586	2012	
Adult learning, corporate, middle	Facebook U	https://www.facebook.com/careersuniversity/	Facebook U is a paid 6 week summer experience to learn about mobile development and get hands-on experience developing features that will help more than a billion people around the world connect to the people and things they care about. During the 6 weeks you'll get a crash course in mobile engineering and development, and then you'll get a chance to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment.	Females entering grades 6, 7, and 8	4 days, 9 a.m. - 12 noon	\$50	Python, JavaScript, Java, PHP, Ruby, Python, Lua, etc.		Menlo Park, CA				Naomi Shah & Jeanine Pearson, Jim Macine	Lewis & Clark College	mackc@clark.edu			
Youth learning, girls, middle school, in-person, mentors, Asperger	Females Advancing Computing and Technology (FACT)	http://www.factnyc.org/	FACT is a paid 6 week summer experience to learn about mobile development and get hands-on experience developing features that will help more than a billion people around the world connect to the people and things they care about. During the 6 weeks you'll get a crash course in mobile engineering and development, and then you'll get a chance to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment. You'll have the opportunity to work on a real project in the US environment.	Females entering grades 6, 7, and 8	4 days, 9 a.m. - 12 noon	\$50	Python, JavaScript, Java, PHP, Ruby, Python, Lua, etc.		Portland, OR				Naomi Shah & Jeanine Pearson, Jim Macine	Lewis & Clark College	mackc@clark.edu			
Youth learning, girls, middle school, in-person, club, Asperger	FIONA (Future Innovators of New Albany)	http://www.futureinnovatorsnyc.org/	FIONA (Future Innovators of New Albany) seeks to create an integrated, sustainable, vertical chain of inspiration and support for developing girls computing and technology abilities. Middle school girls participating in the program are taught by high school girls, who in turn are mentored by female college computer science students, who themselves are supervised by New Albany high school and college students. The program is held on a weekly basis and focuses on Microsoft Kinect and Windows apps.	Middle school girls			Microsoft Kinect and Windows apps					New Albany, OH; Columbus, OH	Professor Christopher Stewart	Ohio State University	cstewart@ice.ohio-state.edu	614.688.5390		
Youth learning, robotics, LEGO, adult resources, life skills	FIRST LEGO League	http://www.firstlegoleague.com/	FIRST LEGO League is a program for 9 to 16 year olds (9 to 14 in US CANADA), which is designed to get children excited about science and technology - and teach them valuable employment and life skills. FLL can be used in a classroom setting but is not solely designed for this purpose. Teams, composed of up to ten children with at least one adult coach, can also be associated with a pre-existing club or organization, homeschool, or just be a group of friends who wish to do something awesome. FLL combines the engineering challenge of a robotics competition with real-world problem solving and inventing. FLL team members learn science and technology skills as the same time as valuable employment and life skills.	Ages 9-16	5 days, 9 am - 4 pm	Each team decides how they will pay for team costs.	Robotics, Computer science	FIRST 200 Bedford St.	Manchester	NH	03101	National, Global			fleagues@firstfll.org	(603) 666-3606 (800) 871-8326		
Youth learning, robotics, clubs, competitions	FIRST Tech Challenge	http://www.firstfll.org/roboticschallenge.html	FIRST Tech Challenge is a program for 9 to 16 year olds (9 to 14 in US CANADA), which is designed to get children excited about technology - and teach them valuable employment and life skills. FLL can be used in a classroom setting but is not solely designed for this purpose. Teams, composed of up to ten children with at least one adult coach, can also be associated with a pre-existing club or organization, homeschool, or just be a group of friends who wish to do something awesome. FLL combines the engineering challenge of a robotics competition with real-world problem solving and inventing. FLL team members learn science and technology skills as the same time as valuable employment and life skills.	Grades 7 - 12			Robotics, Computer science	FIRST 200 Bedford St.	Manchester	NH	03101	National, Global			fleagues@firstfll.org	(603) 666-3606 (800) 871-8326		
Adult learning, in-person, bootcamps, youth learning, summer, web development, open source	Fission School	http://www.fissionschool.com/	Fission School is a 12 week, full time intensive programming boot camp, designed to turn you into a Ruby on Rails web developer. Added 2 week summer program for high school students to learn how the web works and how to build and launch their own website using code and open source software.	No experience necessary	12 weeks for Ruby web program, 12 weeks for iOS youth program. Also offer 2 week summer program.	\$12,000 for Ruby program, \$4,000 refund with job placement program. \$12,000 for iOS program. Grants and scholarships are available for students from underrepresented groups like how to build and launch their own website using code and open source software.	Ruby, Ruby on Rails, JavaScript, HTML, CSS, Also Swift and Objective C in the iOS program	11 Broadway, Ste 260	New York	NY		New York, NY	Art Fiumbaum	Dean	info@fissionschool.com	247.729.7911	2012	
Adult learning, in-person, bootcamps, underrepresented	Flight Deck Academy	http://www.flightdeckacademy.com/	The 12-week intensive software engineering course for underrepresented minorities. The curriculum is made in partnership with Slack Reactor. The program focuses on full-stack web development with a JavaScript emphasis. You will learn industry leading technologies, concepts, and practices to get you the job you're looking for.	Underrepresented minorities	12 weeks, 6-day-week schedule from Sat-Sun	\$17,725. Program offers a number of need-based scholarships as well as a variety of financial aid options for those who identify as underrepresented minorities. Applicants encouraged to apply no matter their financial situation.	JavaScript		Oakland	CA		Oakland, CA						2015
Adult learning, hardware, software, coding, mobile, open source	Free Geek	http://www.freegeek.org/	Free Geek is a non-profit organization that provides computer and internet education, and job training to the community service. In addition to educational opportunities throughout the Bay Area, Free Geek offers a wide variety of computer classes, including coding and app development, to volunteers and community members.	Anyone				1731 SE 10th Avenue	Portland	OR	97214	Portland, OR	Darren Heiber		info@freegeek.org	503.232.9350		
Adult learning, in-person, bootcamps, web development, full-time	Futabak Academy	http://futabakacademy.com/	At Futabak Academy our mission is to make great people into great developers. We are a Y Combinator backed school that offers an intensive 12-week, full-time course in web development based in New York City. After completing the Futabak curriculum, you will be ready for top development jobs at tech firms and startups. You provide the enthusiasm, hunger and dedication to learning and we will provide a world-class environment for becoming a great software developer.	Various skill levels	12 weeks, Monday through Friday from 9AM until 6PM	\$12,000. Refund \$4000 via job program	Ruby on Rails, JavaScript, HTML, CSS/JS	160 Pearl Street, Floor 6	New York	NY	10005	New York, NY			hello@futabakacademy.com	247.696.4372	2013	
Youth learning, girls, middle school, in-person, club, Asperger	Game Programming Using Microsoft Kodu	https://www.ncsl.org/programs/computerscience/2013-2014/programs.html	The semester-long Game Programming Using Microsoft Kodu program will create a Kodu Club that teaches programming to middle school girls on Saturdays. Leaders, Jordan Newell and Pooja Chandrasekar, seek to help girls follow their passions and give them the power to change their communities and the world. The program curriculum will include issues such as the environment and social representation of gender.	Middle school girls	Saturdays		Microsoft Kodu		Fairfax	VA			Kamaljeet Sanghera	Applied Information Technology	kamjeet@fpmu.edu	703.965.1547		
Youth learning, software/game development	GameMaker: Studio	http://www.yoyogames.com/studio	In addition to making games development 80 percent faster than coding for native languages, developers can create fully functional prototypes in just a few hours, and a full game in just a matter of weeks. GameMaker: Studio™ has been developed with usability and efficiency at its core, allowing developers to create games in a single code base and then publish them to run natively across an unprecedented number of platforms including Android™, iOS™, HTML5, Ubuntu, Windows 8, Windows Phone 8 and Windows RT. GameMaker: Studio™ uses fun, game-based queries and courses to help you learn game design and make your own video games! GameMaker: Studio™ is a game and community designed to teach kids the principles of game design and systems thinking in a highly engaging environment. It is designed for 7-14 year olds, but is open to anyone who wants to learn. It has been used by over 300,000 youth have used to learn game design and make their own games with GameMaker in more than 100 countries and 5,000 schools, and the games they've made have been played over 18 million times!	Anyone	Self-paced	Studio Free, Standard: \$49.95, Professional: \$99.95, Master collection: \$199.95						N/A			support@gamestarmechanic.com			2010
Youth learning, online, courses, network, game development, teacher resources	GameStar Mechanic	http://gamestarmechanic.com/	GameStar Mechanic is a non-profit organization that provides computer and internet education, and job training to the community service. In addition to educational opportunities throughout the Bay Area, Free Geek offers a wide variety of computer classes, including coding and app development, to volunteers and community members.	Ages 7-14	Self-paced	Online Learning Course for \$249, have Free edition as well						N/A						
Adult learning, in-person	Geekwise Academy	http://geekwiseacademy.com/	Geekwise Academy is an accelerated training program that wants to create new geeks. Their six week program teaches kids real world, in-demand technology skills, as defined by specific employers. Geekwise Academy offers courses in Javascript and Wordpress, as well as a two-part course in HTML and CSS3 (the second part of the class focuses on responsive markup, PSD files, frameworks & tools). The courses are taught in-person, two nights per week, and emphasize workplace communication (facing and regular assessments, completing a final real world work project).	Anyone	6 weeks	\$250/course	JavaScript, Wordpress, HTML, CSS3	Blueview Mural District, 2210 San Joaquin St	Fresno	CA	93721	Fresno, CA	Anna Jacobson	Administrator	info@geekwiseacademy.com	559.618.1279	2013	
Youth learning, girls, middle school, in-person, summer, STEM	GEMS (Girls Engaged in Math & Science) UIUC	http://gems.cs.illinois.edu/	The University of Illinois at Urbana-Champaign (UIUC) has hosted GEMS (Girls Engaged in Math & Science) summer programs on campus for 20 years, but computer science was never included. This summer, Brianna Chapman advocated with the UIUC CS department to add two weeks of computer science to the GEMS program. She and other CS students including fellow Advocates, wrote a letter to the UIUC CS department to add two weeks of computer science to the GEMS program. She and other CS students including fellow Advocates, wrote a letter to the UIUC CS department to add two weeks of computer science to the GEMS program.	Middle school girls	1 week	Free	Math, computer science					Urbana, IL	Cinda Heeren	University of Illinois at Urbana-Champaign	gems@cs.illinois.edu	217.244.2529		

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Adult learning, in-person, bootcamps, workshops, web development, UX, mobile	General Assembly	http://www.generalassembly.io	General Assembly is a New York-based global network of campuses for individuals seeking opportunity and education in technology, business, and design. It offers a variety of online and in-person trainings, including multiple bootcamps and immersion courses.	Individuals embarking on a new commercial or entrepreneurial venture; college graduates seeking entry-level positions, and curious folks that have a creative, entrepreneurial spirit.	8, 10, and 12 week courses	12-week web development intensive - \$11,600; 12-week User Experience Design - \$4,000; 10-week front end web development - \$3,500; 8-week UX Design intensive - \$7,600	Business Foundations, Data Analysis, Digital Marketing, Mobile Development, Product Design, User Experience Design, Web Development					Sydney, Australia; Berlin, Germany; Vancouver, Canada; Hong Kong, London, England; Cambridge, MA; Santa Monica, CA; San Francisco, CA; New York, NY; Washington, DC	admissions@generalassembly.io			(415) 294-0866	2011	
Youth learning, in-person, STEM, K-12, computer science	Genie Knowledge	http://www.genieknowledge.com/	Genie Knowledge is an out of school math and computer science program that uses the Logo, Scheme, and Javascript programming languages to teach both core computer science and mathematics concepts to students in grades K-12. They run free enrichment programs as well as private classes and camps.	K-12			JavaScript, Logo, Scheme	1845 Commonwealth Ave	Boston	MA	02136	Boston, MA	info@genieknowledge.com			(617) 744-8191		
Youth learning, software, hardware, iOS	GirlsByTe	http://www.girlsbYTE.com/	GirlsByTe is a non-profit organization that provides a safe and fun environment for girls to learn to code. They offer a variety of programs, including a summer camp, a weekend workshop, and a year-long program. They also offer a variety of resources, including a curriculum, a website, and a blog.	Grades 3 - 6	self-paced	Software is free, but they're private alpha (ie. invite only - girls who can sign up for our launch notification on their landing page). Hardware TBD (in development)	visual programming					Phising in Bay Area, CA	Memo Akate		me@girlsbYTE.com		2013	
Adult learning, women, network, workshops, resources, chapter-based	Girl Develop It	http://www.girldevelopit.com/	Girl Develop It (nonprofit pending) is an international organization that exists to provide affordable and accessible programs to women who want to learn software development through mentorship and hands-on instruction. They are chapter-based and provide classes, networking, and resources.	Women, ages 18+			All programming languages & technologies					Austin, TX; Boulder, CO; Boston, MA; Buffalo, NY; Burlington, VT; Chicago, IL; Columbus, OH; Dallas, TX; Detroit, MI; New York, NY; Ottawa, Canada; Philadelphia, PA; Pittsburgh, PA; Raleigh/Durham, NC; San Francisco, CA; Seattle, WA; Sydney, Australia	Sara Chippa, Vanessa Hara (Erin Kowal)	Co-founders	inquiries@girldevelopit.com		2010	
Youth learning, girls, middle school, in-person, club, summer, workshops, leadership, robotics, AspireIT	Girls Code	http://www.girlscode.org/	Girls Code is a women's non-profit group sparking the young minds of students 9+ mainly in underprivileged areas to learn code. The program gathers students at school with assemblies, clubs, and other after school events. They create special workshops to further teach them and give them projects to establish skills in leadership and communications. They also host weekend and summertime programming to engage them in artificial intelligence, software engineering, mobile development, etc.	Ages 9+ mainly in underprivileged areas								California, Nevada, Hawaii	tegral@girlscode.co			(330) 752-5020	2013	
Youth learning, girls, middle school, in-person, club, summer, workshops, leadership, robotics, AspireIT	Girls for Computing and Robotics	http://stem.uci.edu/CRC/	The Girls for Computing and Robotics Club will include basics of engineering, basics of C programming, field trips, and robot prototyping that girls turn into. The summer program will focus on instilling confidence, teamwork, reasoning, and problem-solving, as well as changing the misconception that girls cannot be scientists and engineers. Program leader Syd Modestly is an Electrical and Computer Engineering major at Carnegie Mellon University and participant in five World Championships as a VEX & FIRST Robotics programmer and builder.	Middle school girls			Basics of engineering, basics of C programming, field trips, and robot prototyping					Davis, CA	Professor Harry H. Cheng			hcheng@uci.edu	(916) 752-5020	
Youth learning, girls, middle school, in-person, summer, camps, AspireIT	Girls Get IT! (Innovative Technology) Camp	http://www.girlsgetitcamp.org/	Sisters Savannah and Ashley Loberger already have run seven Girls Get IT! programs over the last three years to encourage girls to pursue computing, engineering, and IT careers. Each year, the sisters will offer a summer camp (parent toward middle school girls who do not know what engineering is or who are curious about the field. The program will help girls explore a range of areas, including game-making, basic programming languages, CAD, web programming, and rapid prototyping). The sisters also will address the stereotype that girls don't belong in sciences.	Grades 7 - 12			Game-making, basic programming languages, CAD, web programming, and rapid prototyping					Hillsboro, OR	Don Dornes	Hillsboro High School	donned@hsd12.or.us			
Youth learning, girls, high school	Girls Gene Geek	N/A	Girls Gene Geek is a 2-week Alice-based pilot program for high achieving high school girls in the Bay Area. The program was started by Stanford University professor, Stephen Cooper. Students learn to code in Alice, go on field trips, and get a MacBook Air.	High-achieving girls in Bay Area, CA	2 weeks, 9 am - 5 pm	Free	Alice					Stanford, CA	Stephen Cooper	Stanford Univ. Associate Professor, Computer Science			(650) 725-5020	2013
Youth learning, girls, middle school, in-person, event, camp, AspireIT	Girls Have IT Camp (& Girls Have Day)	https://www.ncwt.org/programs/ncwtgirlsprogram/	Xavier College Preparatory is an all-girls school whose inclusive campus provides an encouraging atmosphere for girls to excel in science fields. It annually hosts a Girls Have IT Day for up to 500 middle school girls in Phoenix, Arizona. The Girls Have IT Camp will extend this one-day program into a week-long camp that teaches middle school girls deeper computing skills, using Computer Science Unplugged and App Inventor.	Middle school girls	One-day event; week-long camps		CS Unplugged, App Inventor					Phoenix, AZ	Steve Rippon	Arizona State University	steve.rippon@asu.edu	(602) 240-3163		
Youth learning, girls, middle school, in-person, STEM, robotics, AspireIT	Girls in Engineering, Math, and Science Camp (GEMSC)	https://www.ncwt.org/programs/ncwtgirlsprogram/	Girls in Engineering, Math, and Science Camp (GEMSC) is a week-long summer camp that will use Kodu to introduce girls to the possibilities and excitement surrounding careers in STEM fields, and help them build the confidence they need to begin their journey to a STEM career. Participants will explore a variety of topics including bioengineering, robotics, materials science, and computer science.	Middle school girls	1 week		Kodu					Philadelphia, PA	Michele Grab	Advancing Women Engineers University of Pennsylvania	mgrab@seas.upenn.edu	(215) 673-6487		
Adult learning, youth learning, network, events, competition, summer, camps, curriculum, financial support, underrepresented, middle school, chapter-based	Girls in Technology	http://www.girlsintechology.org/	Girls in Technology (GIT) (nonprofit) is an outreach committee within Women in Technology (WIT) that supports academic and community programs that engage school-age girls in technology and computer-related learning. This support can take many forms such as providing mentors and speakers, assisting with program and curriculum development, providing financial support, and collaborating with strategic partners to expose school-age girls to technology. Girls in Tech offers a variety of resources and tools for women to implement and further their professional aspirations. The GIT Mentorship Program (GIT MP) provides various support and training for the summer camp program. Girls in Tech is a 501(c)(3) nonprofit organization. GIT (University of UT) 31360 Labs, XChange, Catalyst Conference, AMPUPHY Business Plan Competition, 24/7 Day and various others.	Elementary, middle, and high school girls, standardized girls, women	2-week summer program, varies by course		Rho Academy, Kodu, CS Unplugged, etc.	10378 Democracy Lane, Suite A Fairfax	VA		22030	Denver, CO; Hedges, Los Angeles, CA; San Francisco, CA; national, global	adriana@girlsintech.org; info@girlsintech.org; info@girlsintech.org			(703) 786-1153; (415) 784-2125	2007	
Youth learning, girls, middle school, in-person, camp, AspireIT	Girls Leading in Technology to Change Humanity (GLTCH)	http://www.gltchcamp.org/	Huachang Xu, who coached middle school Science Olympiad while in high school, is partnering with Dr. Caitlin Kelleher of Washington University, who developed Looking Glass and Storytelling Alice. Their camp, Girls Leading in Technology to Change Humanity (GLTCH), will run for two one-week sessions that encourage girls' enthusiasm for computing through a meaningful program that has positive impacts on the community.	Girls in 6th, 7th, or 8th grade	1 week	\$75 scholarships available	Looking Glass					St. Louis, MO	Dr. Caitlin Kelleher	Washington University, St. Louis	ckelleher@seas.wustl.edu	(314) 935-6199		
Youth learning, in-person, camps, workshops, events, web development, game development	Girls Learning Code	http://www.girlslearningcode.com/	Girls Learning Code, founded by the same women who created Ladies Learning Code, provides tech camps, workshops and events for girls who want to change the world.	Girls 8-17	Varies	Fee per course, most \$50	Scratch, Ruby, HTML, CSS, game design, graphic design, web development, etc.					Toronto, Canada	Kristen Titus	Executive Director	adrianalearningcode@gmail.com			
Youth learning, girls, events, high school, mentors	Girls Teaching Girls to Code	http://www.girlsteachinggirlstocode.com/	Girls Teaching Girls to Code is a program where Stanford women in Computer Science will teach Bay Area high school girls to code. Students learn programming basics, build exciting projects, and develop strong relationships with mentors in the field.	Bay Area high school girls			Basic programming					San Francisco Bay Area, CA	girlsteachinggirlstocode@gmail.com				2013	
Youth learning, girls, camps, clubs, development, robotics, middle, elementary, curriculum, chapter-based	Girls Who Code	http://www.girlswhocode.com/	Girls Who Code (nonprofit) exists to educate, inspire, and equip young women with the skills and resources to pursue academic and career opportunities in computing fields. They have a Summer Immersion Program which runs 300+ hours of intensive instruction in robotics, web design, and mobile development with engaging, career-focused mentorship and exposure led by top female entrepreneurs and engineers. Girls Who Code has packaged its signature program and curriculum for replication inside schools and community organizations in the Girls Who Code Clubs. Now 7 pilot programs in New York, Boston and Philadelphia, Girls Who Code Clubs will launch nationwide soon.	High school girls, summer immersion program for female high school juniors	8-week summer immersion program		Python, web design and UX/UI, mobile applications, and web and mobile applications to enhance communities	28 W. 23rd Street, 4th Floor	New York	NY	10010	San Jose, CA; San Francisco, CA; Davis, CA; Detroit, MI; New York, NY; Boston, MA; Philadelphia, PA	Rehna Sauti				2012	
Youth learning, girls, middle school, in-person, summer, camps, underrepresented, minorities, AspireIT	GLT-C (Girls Leading IT for Change)	https://www.ncwt.org/programs/ncwtgirlsprogram/	Living two week-long summer camps to teaching students to focus on team-ended problem solving. GLT-C-Girls Leading IT for Change will utilize Storytelling Alice and App Inventor to develop methods to integrate social issues and technology. These camps will partner with Young Women in Computing at New Mexico State University to make the camps accessible to underrepresented girls and minorities. GLT-C program leaders have three years (21 weeks) of summer camp experience, having run after-school clubs that reached over 1,000 students, almost half of them girls.	Middle school girls	1 week		Alice, App Inventor					Las Cruces, NM	Rebecca Gales	New Mexico State University	rgales@cs.nmsu.edu	(575) 646-3728		
Youth learning, platform, curriculum, teacher development, game design, standards-based, mentoring, technical support	Globobaria By Wood/WoodWorkshop	http://www.globobaria.org/	Globobaria is a non-profit organization that provides a safe and fun environment for girls to learn to code. They offer a variety of programs, including a summer camp, a weekend workshop, and a year-long program. They also offer a variety of resources, including a curriculum, a website, and a blog.	Youth		Various options. Annual fee per school. Annual fee for individual or district.	Globobaria	113 W 78th St, Suite 3	New York	NY	10024	CA, DC, FL, LA, NY, TX, & WV	info@worldwideworkshop.org			(646) 895-9167	2006	
Youth learning, girls, middle school, in-person, camp, game design, AspireIT	Globobaria and Game Design for Girls	https://www.ncwt.org/programs/ncwtgirlsprogram/	A veteran of the Globobaria program, Laura Pisciocento has created and published educational games including No More Gang Maze (which teaches the risks of gang life) and has been a leader and mentor for new Globobaria members. With Game Design for Girls, she provides a safe and fun environment for girls to learn to code. They offer a variety of programs, including a summer camp, a weekend workshop, and a year-long program. They also offer a variety of resources, including a curriculum, a website, and a blog.	Middle school girls	2 weeks		Globobaria, Adobe Flash					New York, NY; Austin, TX	Kara Buritt	World Wide Workshop	kara@worldwideworkshop.org	(646) 895-9167		
Youth learning, curriculum, elementary, middle school	Google CS First	http://www.cs.frist.com/	Girls CS First is a new program that provides a safe and fun environment for girls to learn to code. They offer a variety of programs, including a summer camp, a weekend workshop, and a year-long program. They also offer a variety of resources, including a curriculum, a website, and a blog.	Students grades 4-6	self-paced	Free	Scratch								edinfo@info@google.com			
Adult learning, online, web development, mobile	Google Developers University Consortium	https://developers.google.com/university/ocw/gcp/	Google Developers University Consortium contains various online developer training courses.	Various skill levels	Self-paced	Free	Web development, mobile					N/A						
Adult learning	Grand Circus	http://www.grandcircus.org/	Grand Circus is a multi-faceted training institute in Detroit with a mission to elevate the city's tech community. Grand Circus is the home for learning, co-working, and events in Detroit. They focus on training with a purpose of project-based instruction that delivers real world experience. They offer a variety of classes in technology, business, and design ranging from short workshops to longer multi-month courses. Examples of current class offerings include: Learn to Code, Build an iPhone App, Digital Marketing, Ruby Programming, From Print to Digital Design, Build an Android App, and How to Build a Business Plan.	Various skill levels	Varies	Free per course	Various. Examples include Learn to Code, Build an iPhone App, Digital Marketing, Ruby Programming, From Print to Digital Design, Build an Android App, How to Build a Business Plan.	1570 Woodward Avenue	Detroit	MI	48229	Detroit, MI	hello@grandcircus.co					

	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Adult learning, in-person, bootcamps, project based	iSchool	http://www.ischool.it/	Local iSchool offers six-month training program turning novices into skilled web developers. The program is part of i.gilvanze.it . Students will be comfortable building real applications using Ruby, Rails, JavaScript, CSS, and HTML5. Every weekday you'll have structured sessions 9AM-4PM including full-class instruction, hands-on workshops, code reviews, and guest speakers.	Various skill levels. Not for "hobbyists"	6 months	\$20,000 per person, including new Apple laptop. \$5K scholarships available to select students	Ruby, Rails, JavaScript, CSS, and HTML5	1962 Delaware St.	Denver	CO	80204	Denver, CO	Jeff Casimir	Program Director & Lead Instructor	info@ischool.it		2013	
Youth learning, online, in-person, workshops, after-school	Guild of Scratchers	http://www.guildofscratchers.com/	The Guild of Scratchers is a place for children to learn computational thinking through play with Scratch. We offer free online learning resources and off-line creative computing classes year-round. Find us in Houston, Texas.	Youth	Varies	Fee per course	Scratch	4210 Belaire Blvd.		West University Place	TX	77025	West University Place, TX					
Adult learning, in-person, bootcamps, project based	Hack Reactor	http://hackreactor.com/	Hack Reactor runs a 12-week web developer bootcamp, alternating intensive, focused introductions to projects and all-day hackathons where you complete the previous day's projects and code on whatever else interests you. Hack Reactor is a non-profit, non-graduate program that provides a path to tech skills to youth who will then apply their learning through real-world projects. The program is designed to be a career launchpad, not just a training course. It's a 12-week program for those who can't pay upfront to pay when program finished. \$1,000 scholarships for women and underserved minorities.	Most participants have prior programming experience, but it's not required	12 weeks	\$17,780. Deferral program for those who can't pay upfront to pay when program finished. \$1,000 scholarships for women and underserved minorities.	JavaScript, HTML, CSS, Ruby on Rails	944 Market Street, 8th Floor	San Francisco	CA	94102	San Francisco, CA	Anthony Phillips	Instructor and Coordinator	contact@hackreactor.com		2012	
Adult learning, in-person, bootcamps, project based	Hack the Hood	http://www.hackthehood.org/	Hack the Hood is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Oakland residents ages 16-20	6 weeks							Oakland, CA	Susan Merritt	Project Director	hth@oaklandlocal.org	(510) 834-0247	2013	
Adult learning, women, in-person, bootcamps, project based	Hackbright Academy	http://www.hackbrightacademy.com/	The Hackbright Academy Fellowship is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Women of various skill levels	10 weeks, 40 hours/week	\$15,000. \$3,000 refund with job placement program. If the program doesn't meet your expectations in the first 2 weeks, we'll give you your money back (less your down payment).	Python, JavaScript, HTML & CSS, etc.	683 Sutter St., Suite 201	San Francisco	CA	94102	San Francisco, CA	David Phillips	Co-Founder, CEO	info@hacknightacademy.com		2012	
Adult learning, in-person, open source	Hacker School	https://www.hackerschool.com/	Hacker School is a three-month intensive school for becoming a better programmer. It's like a weekend retreat for hackers. They provide space, time to work, and a community of like-minded people. There are no grades, teachers, or formal curricula. Instead, Hacker School is entirely project-based and self-directed. Everyone brings their own open source software, because it would be antithetical to Hacker School to write code that couldn't be read, used, and improved by others.	Must already know how to code.	3 months	Free; Limited number of \$5,000 need-based grants for women to join Hacker School.	Ruby on Rails, Python, JavaScript	179 Varick St, 137 Varick St	New York	NY		New York, NY			founders@hackerschool.com			
Youth learning, open source, certificate	Hacker Scouts	http://www.hacker-scouts.org/	Hacker Scouts is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	most activities are targeted at the 8-14 year old range		Free to participate + material fees						National	Samantha Malatone Cook	Executive Director, Founder, CEO	info@hacker-scouts.org		2012	
Adult learning, in-person, part time, evenings, Canada	HackerYou	http://www.hackeryou.com	HackerYou offers Toronto's best part time courses for people who want to learn to code. Whether you're looking to climb the corporate ladder, upgrade your skills, or start an exciting new career, HackerYou is for you. Founded by Ladies Learning Code. The organization provides hands-on, project-based learning from industry-leading professionals in small classes, and a 10:1 ratio of students to instructors. Courses are offered part-time in the evenings.	beginners		Intro to HTML & CSS - \$1600; Intro to responsive design - \$1800	HTML5, CSS3, responsive design, design theory, jQuery, JavaScript and WordPress	720 Bathurst Street, Suite 500	Toronto	Canada		Toronto, Canada	Wes Bos	Instructor	info@hackeryou.com		2012	
Youth learning, software, open source	Hackety Hack	http://hackety.com/	Hackety Hack is a downloadable open source program to help you learn the Ruby programming language.	Youth		Free	Ruby, Hackety Hack, Shoes GUI					N/A					2009	
Adult learning, Workshops, mentors	hackNY	http://hackny.org	hackNY is a non-profit organization that provides a path to tech skills to youth who will then apply their learning through real-world projects. The program is designed to be a career launchpad, not just a training course. It's a 12-week program for those who can't pay upfront to pay when program finished. \$1,000 scholarships for women and underserved minorities.	College students				PO BOX 178	New York	NY		10276 New York, NY			info@hackny.org		2010	
Youth learning, software, video game, certificate	Hacktu Elite	https://itunes.apple.com/us/app/hacktu-elite-or-the-sage-of-hacktu-elite/id941946180?mt=8	* Supported devices: iPad 2 and above, iPhone 4S, iPhone 5, iPod Touch (5th generation) and above. The Hacktu Elite bootcamp is a 6-week intensive programming in the heart of Montreal that aims to teach you web development and jumpstart your career. The program is highly selective with no more than 20 students per cohort and aimed at attracting highly motivated bootcamps beginner and amateur programmers. Students will learn: Ruby 2 Rails 4, HTML5 & CSS3, Agile Development, JavaScript and CoffeeScript, code management with Git, databases with SQL, teamwork, and soft skills. The Hacktu Elite bootcamp will prepare students with the skills they need to get started in their first job as a developer, while helping students build networks and gain experience in the industry. This course includes: how to think algorithmically and solve problems efficiently. Topics include abstraction, encapsulation, data structures, databases, memory management, software development, virtualization, and web services. Languages include C, PHP, and JavaScript plus SQL, CSS, and HTML5. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming. Designed for concentrated and non-concentrators alike, with or without prior programming experience.	Beginners	Self-paced	\$2.99	Hacktu Elite, JavaScript					N/A				sahar@hacktoderails.com	888.907.2151	2013
Adult learning, in-person, bootcamps, web development	Hacktoderails Labs	http://www.hacktoderails.com/	Hacktoderails Labs is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Adults	9 weeks	\$7,000	Ruby 2 & Rails 4, HTML5 & CSS3, Agile Development, JavaScript and CoffeeScript, code management with Git, databases with SQL, teamwork, and soft skills.					N/A	David Malan	Instructor	malan@harvard.edu			
Adult learning, online, computer science	Harvard Introduction to Computer Science I	http://cs61a.cs.berkeley.edu/	Harvard Introduction to Computer Science I is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Anyone	Self-paced	Free	Intro to computer science. Languages include C, PHP, and JavaScript plus SQL, CSS, and HTML5.					N/A						
Adult learning, in-person, hackathon, underrepresented	HECU Hack (a program of Black Founders)	http://hechack.com/	HECU Hack is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	College students attending historically black colleges and universities								National	Hadiyah Mujid	founders@blackfounders.com				
Youth learning, in-person, girls, in-person, girls, workshops, mentors, events, resources, web development, game development	HER Ideas in Motion	http://www.herideasinmotion.com/	HER Ideas in Motion is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Girls ages 11-14	Varies	\$85	Students will storyboard and design effective website layouts, learn about efficient file structures, learn to code in raw HTML and CSS, and discover emerging internet technologies.	PO Box 5004	Cleveland	OH	44101	Cleveland, OH	Rachel Wilkins Patel	Founder & Programs Director	rachel@herideasinmotion.com ; contact@herideasinmotion.com	216.308.1039	2010	
Youth learning, in-person, girls	High School Code Camp	https://squareup.com/code-camp/high-school-code-camp	High School Code Camp is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Current high school female student attending a public or private high school in the city of San Francisco, California. Permission granted by student's parent and/or local jurisdiction.	Tuesdays and Thursdays from 4-6pm PT from October 28th - until May 6th, 2014 (see holdovers).							San Francisco, CA			codecamp@squareup.com		2013	
Youth learning, online, web development, game, design, visual arts, chapter-based	Homeschool Programming, Inc.	http://www.homeschoolprogramming.com/	Homeschool Programming, Inc. is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Grades 4 - 12	Self-paced	Fee per course	Visual Basic, C#, and Java	980 Birmingham Rd. Suite 501-729	Alpharetta	GA	30004	Alpharetta, GA			hello@homeschoolprogramming.com	888.606.7263		
Adult learning, in-person, corporate, bootcamps, leader program, inter-disciplinary	Hopscotch	http://www.gethopscotch.com/	Hopscotch is an app that allows kids to create their own games and animations. Inspired by MIT's Scratch, the Hopscotch programming language works by dragging and dropping method blocks into scripts.	Beginners	Self-paced	Free	Hopscotch					N/A					2011	
Adult learning, in-person, corporate, bootcamps, leader program, inter-disciplinary	Hungry Academy	http://hungryacademy.com/	Hungry Academy is a 10-week accelerated software development program designed to help women become awesome programmers. The program teaches the fundamentals of modern web development, then introduces graduates to Silicon Valley companies looking to expand their engineering teams. Partner companies include Facebook, Twitter, LinkedIn, SurveyMonkey, Evernote and many more.	Various skill levels	8 months + 18-month job commitment + 1 year	Free. We'll pay you while you become an excellent developer.	Ruby on Rails	1445 New York Ave NW, Suite 200	Washington	DC		Washington, DC	hungryacademy@hungryacademy.com		2020.670.2852		2011	
Youth learning, girls, middle school in-person, writer, camps, Native American, underrepresented, Apprent	I.N.S.P.I.R.E. (Illuminating Newcomers by Synergizing Skills and Promoting Information Technology to Raise Estem)	https://www.inspire.org/programs/inspirenewcomers/	I.N.S.P.I.R.E. (Illuminating Newcomers by Synergizing Skills and Promoting Information Technology to Raise Estem) will work to increase participation of tribal students in computing and provide them with self-sufficient skills. Since 2004, I.N.S.P.I.R.E. is the only Tribal University serving the Native American population (Sioux) on the Rosebud Indian Reservation in South Dakota. I.N.S.P.I.R.E. is a winter break camp will prepare middle school girls to enroll as freshmen in the Rosebud Indian Reservation in South Dakota.	Middle school girls			Alice Khan Academy, Lego Robotics and Scratch					Missoua, SD	Dr. Nishi Singh	Sioux Dakota University	nishi.singh@siouxdakota.edu	(605) 856-8299		
Youth learning, in-person, camps, workshops, web development, game, design, visual arts, chapter-based	I.D. Tech Camps	http://www.internatdrive.com/	I.D. Tech Camps are highly-rated, very expensive, week-long summer camps for boys, girls, and teens ages 7 to 17 held on university campuses nationwide. You'll find I.D. Tech Camps, ID Gaming Academy, ID Visual Arts Academy and ID Programming Academy at only the best colleges and universities.	Ages 7-17	1 week	Free per course	Scratch, Java, C++, PHP, objective-c, xcode, mobile apps, etc.	42 West Campbell Avenue, Suite 301	Campbell	CA	95008	National			info@internatdrive.com	(888) 709-8324	2007	

	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Youth learning in-person, summer camps, robotics, workshops, after-school STEM	deventors	http://www.deventors.com/	deventors is a science and technology enrichment center geared to children ages 8 to 13. They teach a range of science, technology, engineering and mathematics year-round through hands-on projects and labs at school-age programs at local schools, develop new STEM curricula and lab courses.	Ages 8-13	Varies	Fee per course	C++, Java, JavaScript, Python, Scratch	9605 H Chain Bridge Road	Oakton	VA	22124	Oakton, VA			info@deventors.com	(703) 255-7202		
Adult learning, youth learning, in-person, workshops, development, chapter-based, weekend, summer, camps	Institute for Computing Education	http://icpe.cba.uconn.edu/	Institute for Computing Education (ICE) is a partnership between the Georgia Department of Education and the College of Computing at Georgia Tech. The partnership was announced in June 2004 by Kathy Cox Georgia State Superintendent of Schools and Dean Richard DeMillo of the College of Computing at Georgia Tech. The goals for ICE are to increase the number of qualified computing teachers in Georgia (especially CS/AP teachers) and to increase the number and diversity of students studying in Georgia.	Teachers, K-12	Varies	Fee per course						Atlanta, GA	jedrich@ice@gmail.com					
Youth learning in-person, online, robotics, computer games, chapter-based, weekend, summer, camps	Institute for Mathematics and Computer Science (IMACS)	http://www.imacs.org/	Headquartered in Plantation, Florida, the Institute for Mathematics & Computer Science (IMACS) provides enrichment classes for talented 1st-12th graders and undergraduate students. Classes are held at various locations throughout Florida and at affiliated locations in Connecticut, Missouri, and North Carolina. Secondary school students not able to attend a local teaching center may take online courses through our Elements of Mathematics Foundations (EMF) program and through our IMACS program.	Grades 1-12, undergraduate students	Varies		Haskell, Java, Logo, Python, Scheme	7438 NW 4th Street	Plantation	FL	33317	Aventura, FL; Boca Raton, FL; Ft. Lauderdale, FL; Panama City, FL; Weston, FL; Raleigh, NC; Cary, NC; Chapel Hill, NC; St. Louis, MO; Chevy Chase, MD; Clayton, MO; Baltimore, MD; Wispin, CT; New Canaan, CT; Hamden, CT	serventorians@imacs.org			(866) 634-6227	1993	
Youth learning, in-person, camp, web development, outreach, underrepresented, web-development, graphic design, animation, robotics, music, sound, video	Intel Computer Clubhouse Network	http://www.intelclubhouse.org/	The Intel® Computer Clubhouse Network is an international community of two computer Clubhouses located in 20 countries worldwide. The Computer Clubhouse provides a creative and safe out-of-school learning environment where young people from underserved communities work with adult mentors to explore their own ideas, develop skills, and build confidence in themselves through the use of technology. Computer Clubhouse Members have free access to high-end computers, tools, graphics and web-design software, production studios, as well as college and career preparation. Computer Clubhouse Members explore and learn various hardware and software technologies to produce projects in the Clubhouse. Because the tools provided through the Intel Computer Clubhouse Network are the same as those used by professionals, Clubhouse Members quickly gain marketable skills. In addition to technical skills, Clubhouse members develop valuable life and job-related skills, including learning to work in a team, problem-solving, and project management skills.	Ages 10-18	Free		Web development, graphic design, animation, robotics, music, social media		Global				Gail Breslow	Director	gibreslwa@intel.com	(617) 589-0387	1993	
Youth learning, in-person, camp, web development, outreach, underrepresented, web-development, graphic design, animation, robotics, music, sound, video	Indiscent	http://indiscentlearning.org/	The mission of Indiscent (nonprofit) is to use science, technology and engineering to develop persistent curiosity and to show that knowledge is empowering. They work with elementary, middle school, and high school underserved and under-represented students and their families. The org has a three-pronged strategy of teaching cutting edge science, engineering, and technological concepts to kids through using powerful mentors and relating science practice involvement.	Elementary, middle, and high school girls, underserved minority children and their families			Programs & Offerings: Parent Leader Program, Family Computer Science, Family Science, Engineers as Fathers, Technovation Challenge, Summer Engineering Camp, Indiscent Science Studies, phone apps, books and writing.	632 W. 22nd Street	Los Angeles	CA	90007	Los Angeles, CA; New York, NY; San Francisco Bay area, CA; Boston, MA; Chicago, IL	info@indiscentlearning.org					
Adult learning, in-person, book/lamps	Iron Yard	http://theyardny.com/	THE IRON YARD is a NYC based organization providing workshops, seminars and more who live, work, and play in South Carolina. The Iron Yard offers a variety of educational opportunities spanning from 12-week immersive programs in front end engineering and Ruby to night classes in mobile app design for adults, to code crash courses for kids and adults that teach students how to build basic websites, to their CodeDroid that offers free code and electronics classes for kids ages 8-18. Students interested in the full-time immersive programs should be hard working, self-motivated, and well with others, be motivated in learning, graceful problem solvers, and ready to have fun. Graduates of the 12 week Ruby or JavaScript program will leave with a firm understanding of Git and Github, HTML, CSS, JavaScript, CoffeeScript, jQuery, Underscore.js, Backbone.js, JavaScript testing, CoffeeScript templating, Ruby VCR, Rails basics, Heroku deployment, parse as a backend, front end package managers, and all search support. Graduates of the 12-week Ruby Engineering course will master Git and Github, Rails Fundamentals, design and freelance fundamentals, JQuery, MVC, Backbone, AngularJS and Ember, HTML, CSS, JavaScript, CoffeeScript, and deployment in Heroku.	Kids, adults	3 months	\$7000-\$8000, free classes for kids; discounts for women & military	Git and GitHub, Rails Fundamentals, design and freelance fundamentals, JQuery, MVC, Backbone, AngularJS and Ember, HTML, CSS, JavaScript, CoffeeScript, Heroku	411 University Suite Z50	Greenville	SC	29601	Asheville, NC; Atlanta, GA; Charleston, SC; Greenville, SC; Spartanburg, SC;	helo@theyardny.com					
Youth learning, girls, middle school, pre-K, after-school, Afternet?	IT Girls	http://www.ncit.org/programs/careerconnect/afternet-2013-program/	IT Girls will engage with five middle schools to provide after school and weekend programs throughout the year. The program will expose girls to a variety of programming topics, including Scratch, Kodu, and Alice, and will technical projects that allow girls to learn about creating careers.	Middle school girls			Scratch, Kodu, and Alice		West Lafayette, IN				Allie Haringer	Purdue University	haringa@purdue.edu	(765) 694-2665		
Youth learning, girls, high school, in-person, summer, camps, web development, game development, Afternet?	It is for Girls	http://www.itisforgirls.net/en/index.html	The "It is for Girls" workshop is aimed at increasing awareness about IT education and careers among high-school girls in grades 9 to 11, in collaboration with Guilford County School. Through hands-on activities, participants learn to create animations, interactive narratives, and video games using SCRATCH software from MIT, design web pages, explore computer and internet security, and investigate fun ways to visualize data. During lunch, workshop IT professionals discuss real-life stories and UNWIC speak about education, career paths and opportunities in IT, balancing work and personal life, and how to be successful in technology careers.	Girls grades 9-11	6 days	\$50, scholarships available	Scratch App Inventor, Kodu, Lego robotics, and C# Unplugged	430 Bryan Building, The University of North Carolina at Greensboro	Greensboro	NC	27413	Greensboro, NC	Lakeisha Iyer	Associate Professor	iyerk@gunc.edu , iyerk@uncc.edu	(336) 324-0884		
Adult learning, online	Khan Academy	https://www.khanacademy.org/	Khan Academy is a not-for-profit educational organization. The academy has a library of over 4,200 videos on everything from arithmetic to physics, finance, history, and computer programming, and hundreds of skills to practice.	Anyone	Self-paced	Free	Math, physics, finance, history, computer programming, etc.	PO Box 1630	Mountain View	CA	94042	N/A	Salmán Khan	Founder & Executive Director			2007	
Youth learning, adult learning, in-person, after-school, afternet, elementary, middle school, high school professional development	KidZVO	http://www.kidzvo.com/	KIDZVO teaches kids starting in Kindergarten - 1st grade while introducing college how to code in multiple languages, interact with physical computing devices, prototype electronic devices, make physical objects and instigate entrepreneurial outcomes. They do so through, after-school, weekend, holiday, and summer programs as well as professional development programs. KidZVO is a project of Neutry Inc., a 501(c)(3) public benefit organization based in Noida and Virginia offering a national to employer-led learning within local communities using technology and peer-to-peer exchange models.	K-12, college	Varies	Free and fee-based	Scratch, HTML, CSS, JavaScript/PHP, PHP, MySQL, Processing, Python, Java, Robot c, Ruby, and more	2905 Peaceful Court (VA); 18 17th Street (NY)	Lake Anne, Shading Rock, VA; NY	VA/NY	29242, 11792	Nations River, NY; Lake Anna, VA	Devon Loffredo, Melora Loffredo		info@kidzvo.com	(840) 999-8277 (531) 223-8725	2005	
Youth learning, web-development, game development, United Kingdom	Kids Code Academy	http://www.kidscodeacademy.co.uk	Kids Code Academy is passionate about teaching children to learn through coding. By looking 'Under the hood' kids learn that a computer is a powerful tool - one they can use to create amazing projects of their own. Imagine building your own website, creating a video game, or even giving your teacher with an amazing science project. Our classes by the foundation for a positive relationship with technology.	Youth			Scratch, Raspberry Pi, Python	Sunny Cottage La Motte des Charraines	St Peter	Jersey, UK	EJ3 7TQ	St Peter, Jersey UK	kidscodeacademy@gmail.com					
Youth learning, in-person, elementary, middle school, mentors, chapter-based, underrepresented, Kenya	Kids Code II	http://www.kidscodell.org/	Kids Code II is made up of a group of projects who have a passion for technology, and an optimism for the future of our children in Kenya. Their goal is to introduce primary and secondary schools, specifically in Kakamega County, with a program where children will learn fun and current technology that they can utilize today. Each participant is encouraged to follow an individual path while at the same time learning up with his or her peers to help each other and solidify what they have learned.	Kenyan primary and secondary schools									Ramin Oka Ben	Founder	contact@kidscodell.org		2012	
Youth learning, in-person, workshops, Kenya	Kids Learning Code	http://www.kidscoding.com/201305-kenya-workshop-code-for-women/	Learning with Kodu, Kodu Learning Code will offer money workshops and training for both boys and girls. Like Kodu Learning Code, these workshops are beginner friendly, hands-on and fun. This program will also offer training for teachers.															
Youth learning, in-person, after-school, afternet	Kids That Code Inc.	http://www.kidsthatcode.com/	Kids That Code Inc. is a company created by a mother of three, to provide a safe and fun environment for kids to learn coding. The company is currently accepting applications for kids to join the program.	Ages 8-17	Varies	Fee per course, most \$50	Ruby, HTML, CSS, game design, etc.	21st Century Learning, The Inc. is developing a unique after-school program for both public and private schools and institutions to teach coding to youth. The first class of students graduated in July, 2013, from the pilot program that teaches computer programming to children from 4-12 years of age.										
Youth learning, in-person, after-school, afternet	Kids That Code	http://www.facebook.com/kidsthatcode	Kids That Code Inc. is a company created by a mother of three, to provide a safe and fun environment for kids to learn coding. The company is currently accepting applications for kids to join the program.	Ages 4-12														
Youth learning, in-person, camps, chapter-based, weekend	Kids N Technology	http://www.kidstechnology.net/	Kids N Technology summer camps, students learn how to build computers, code, project robots, and create animations. Summer camps are held at various locations throughout the year. Kids N Technology 21st Century Learning, STEM Saturday programs engage students with real world technology programs - animation, video production, game design, programming, and gaming development. Kids N Technology (NNT) After-School provides a creative and safe after-school learning environment where kids explore their own ideas, develop skills, and build confidence in themselves, through the use of technology.	Youth	Varies		Alice, Kodu, Scratch, C								info@kidstechnology.net	(NC) 980-949-7845, TN, 901-712-6885	2002	
Youth learning, in-person, camps, chapter-based	KidsCodeCamp	http://www.kidscodecamp.com/	KidsCodeCamp is a one-day non-profit event created for kids of all ages to give them a great first experience in computer coding. KidsCodeCamp is not just about programming but fostering that desire to build imaginative things. During the camp, students will code in KoduRuby, use Arbot to talk to robots, and much more!	Elementary, middle, high school	One-day camp	Free, must bring computer	KoduRuby, Alice, Scratch, ToonTalk, etc.	13428 Manilla Ave., Suite 453	Marina Del Rey	CA	90292	Austin, TX; Pasadena, CA; Santa Monica, CA; Minneapolis, MN; Denver, CO; Portland, OR					2012	
Youth learning, software-app, programming language	KoduRuby	http://www.koduruby.com/	KoduRuby is real Ruby code. You can also do anything that "Natchy-heck" can do like display messages. KoduRuby includes several of the best resources on the web for kids and teenagers. They are built right in so you do not even need an internet connection.	Ages 12+	Self-paced	Free	Ruby										2011	
Youth learning, software-app, video game	Kodable	https://itunes.apple.com/us/app/kodable/id717497078?mt=8	Kodable is a free educational iPad game offering a kid-friendly introduction to programming concepts and problem solving. For kids ages 5 and up, and tools for educators too!	Kids ages 5+	Self-paced	Free	Kodable										2012	
Adult learning, in-person, workshops, Kenya	Kodify	http://www.kodify.com/	Kodify consults with technology companies on implementing career pathways that ultimately helps them grow their own software development talent. Kodify provides foundational technology training in business units to increase their technology literacy. When businesses are more tech literate, business processes run more smoothly and become more profitable. Also, these technology foundation trainings can provide a career pathway into software programming, creating a talent pool for companies looking for software developers.												info@kodify.com	(202) 430-ACODE	2013	
Youth learning, in-person, camps, chapter-based, weekend	Kodu (Xbox, Windows)	http://www.kodugameplay.com/	Kodu, lets kids create games on the PC and Xbox via a simple visual programming language. Kodu can be used to teach creativity, problem solving, storytelling, as well as programming.	Ages 8+	Self-paced	Free for PC - \$5 on Xbox	Kodu								kodugameplay@microsoft.com		2009	
Adult learning, in-person, women, network, software development, workshops, events, web development, mobile, Canada	Kids Learning Code	http://www.kidscoding.com/	Ladies Learning Code (nonprofit) is a Toronto-based not-for-profit organization that runs workshops for women (and men) who want to learn beginner-friendly computer programming and other technical skills in a social and collaborative way. Today, they have chapters across Canada, a thriving girls' program called Girls Learning Code, and a permanent workshop space in Toronto.	Women	Varies	Fee-based courses	HTML, CSS, Python, JavaScript, web development, mobile								info@ladieslearningcode.com , ladieslearningcode@gmail.com		2011	

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Adult learning, in-person, bootcamps, web development	Launch Academy	http://www.launchacademy.co	Launch Academy is an immersive, 10-week, on location training program that graduates and places junior web developers specialized in Ruby on Rails. Participants learn web development and build real software under the guidance of established software developers. Participants can leverage mentors and fellow students to accelerate their learning in a dynamic learning environment. Launch Academy also provides a structured, post-graduation support program in the form of in-person office hours and virtual consultations.	Various skill levels	10 weeks + 6-week intensive pre-learning requirement	Tuition is \$10,000 if paid up front or \$12,500 if you choose 12-month payment plan. If a company makes you an offer and you accept it, you get up to a \$5,000 Signing Bonus.	Ruby on Rails, full-stack					Cambridge, MA			hello@launchacademy.co		2012	
Youth learning, events, fellowship, game, hackathons, mentors, network, leadership, entrepreneurship, underrepresented	Leaders on the Fast Track	http://lftinnovation.org/	The LFT Innovation track is a part of the LFT+ Institute which, prepares and places young leaders in their future careers. Through LFT+, students and young professionals participate in more than 30 LFT+ events including leadership trainings, field-aligned symposia and workshops including STEM (science, technology, engineering, math), finance, entrepreneurship, public policy, education, entertainment, media and social innovation among other priority fields. The LFT+ Innovation Track identifies, prepares, and places talented under-represented minorities (URMs), who are technically skilled, in the workforce. The Innovation Track provides computer coding boot-camps, online coding classes, networking, and mentorship, STEM seminars and events, and track shows.	Under-represented minorities who are students and young professionals				Nuevo South 160 S 30th Street	Los Angeles	CA	90011	Los Angeles, CA	Antonio Tinino	CEO & President	info@lftinstitute.org antonio@lftinstitute.org	(202) 861-9797		
ebook	Learn Code the Hard Way	http://learncodethehardway.org/	Learn Code the Hard Way is a series of free e-books that teach Python, Ruby, C, Sql, and Regex. You can also pay for the available video & PDF versions of the books.		Self-paced	Free	Python, Ruby, C, SQL, and Regex					N/A			help@learncodethehardway.org			
Adult learning, online	Learn How to Program Perl	http://learnhowtoprogramperl.info/	Learn How to Program Perl is an online system that helps you write your own computer programs in a self-paced, practical, and understandable manner. Participants are taken through a series of lessons that will show you how to program using Perl. Website was created by a high school student.	Beginners	Self-paced	Free	Perl					N/A		Chris Kildegaard				
Online learning, mentors, resources	Learn Prime, a program of Thoughtbot	https://learn.thoughtbot.com/prime	Learn Prime provides access to thoughtbot online trainings, mentors, and other resources for learning Ruby on Rails. thoughtbot is a consulting firm that provides coding support to organizations, incubates start-ups, and provides training and mentoring to coding students. thoughtbot provides the apprentice to program, online 8+person workshops, books, and screencasts.	Various skill levels	Self-paced	Prime with Mentoring --- \$249/month, Prime Workshops --- \$99/month, Prime Basic --- \$29/month	Ruby, Ruby on Rails, Design, Vm, Testing, JavaScript, iOS, Web Design, UI, Sass, HTML, CSS, Refactoring, Heroku, UX, Typography, Innu, CSS Grids, Visual Principles, RubyMotion, SQL					N/A		learn@thoughtbot.com	(877) 876-2687			
Adult learning, online, web development, mobile	LearnHowToProgram.com	http://www.learnhowtoprogram.com/	LearnHowToProgram.com is a step-by-step guide to take you from zero to web programmer, and fit's the entire curriculum and course content for Ecepodio. The first chapters are prep materials for class, and the later chapters are for course curriculum. Of course, you're welcome to go through Ecepodio and skip what you don't need.	Various skill levels	Self-paced	Free	HTML, CSS, JavaScript, jQuery, Ruby, Rails, AJAX, Ember.js					N/A		Michael Kasear-Nyman	michael@eepodio.com		2013	
Youth learning, workshops, underrepresented, teacher development, Hispanic, high school	Learning Computer Science through the Lens of Culture and Society (LCSS)	http://lites.poodls.com/liteschhsb2012/	Learning Computer Science through the Lens of Culture and Society (LCSS) is a project that seeks to increase participation of Hispanic/Latino high school students in computer science. The project involves a one-week workshop for high school students and a 3-day workshop for high school STEM teachers in the Inland Empire. The workshops will involve computing activities that are closely tied to societal and cultural issues. The week-long student workshop will introduce students to the computer science discipline through hands-on, engaging activities involving Android mobile app development and Alice 3D programming, provide support to bilingual and English language learners throughout learning activities, provide resources on higher education opportunities and possible educational pathways in computer science, provide mentors and role models who share with students insights and support on pursuing higher education and careers in computer science, and involve teachers, parents, and community members in supporting Hispanic/Latino high school students to explore computer science. The workshop will culminate in a final showcase and celebratory dinner in which students present their finished projects to their families and community members. Participants are responsible for providing their own transportation. Lunch and refreshments will be provided daily.	High school Hispanio/Latino(a) students, high school STEM teachers	1 week workshop for students, 3 day workshop for teachers	Free	Alice, Android	11711 Sand Canyon Road	Yunuba	CA	92386	Yunuba, CA	Margaret Yau	Assistant Professor, Computer Information Systems	myma@razathohills.edu	(909) 389-3521		
Adult learning, online, teacher resources, platform	LearnStreet	http://www.learnstreet.com/	LearnStreet is an early-stage startup focused on changing the way people of all backgrounds and skill levels learn how to code. They provide free online courses.	Various skill levels	Self-paced	Free	JavaScript, Python, Ruby	1121 San Antonio Road	Palo Alto	CA	94043	Palo Alto, CA			hello@learnstreet.com	(650) 331-1167	2012	
Adult learning, online, certification, mobile, game development	LearnToProgram.tv	http://learntoprogram.tv/	LearnToProgram helps people learn to be web, mobile, or game developers using online courses designed for beginners, seasoned experts and everyone in between.	Various skill levels	Self-paced	Free, paid premium courses	ActionScript, Ajax, Android, HTML/CSS, JavaScript, C/C++/Objective C, HTML/CSS, Query, game development, etc.	27 Hartford Turnpike Suite 205	Vernon	CT	06066	N/A		Mark Lasoff	Founder	contact@learntoprogram.tv		2011
Adult learning, online, web development	LearnWebCode	http://learnwebcode.com/	LearnWebCode is a free online resource to teach web development using videos and tutorials.	Anyone	Self-paced	Free	HTML, CSS					N/A						
Youth learning, software/app, video game	LightBot (iOS/Android)	http://lightbot.com/	LightBot is a puzzle game whose core game mechanics are programming. Players must use simple visual commands, instead of words and syntax, to guide a robot to complete levels. The original light-bot has been used by hundreds of teachers worldwide to introduce their kids to computer science.	Ages 4+	Self-paced	\$2.99						N/A						
Adult learning, bootcamps, internship	Lighthouse Labs	http://www.lighthouselabs.ca/	Lighthouse Labs is an immersive coding school in Vancouver that focuses on modern open source web technologies and tools. The Lighthouse curriculum covers JavaScript, HTML/CSS, software architecture, Ruby on Rails, responsive design, test driven development, Node.js, and popular APIs. Lighthouse Labs offers an 8-week immersive bootcamp followed by a 4-week internship with on of their partner companies.	Adults	8-week bootcamp + 4-week internship	\$9000 + goods and service tax	Ruby on Rails, JavaScript, HTML/CSS, APIs, Software architecture, responsive design, test driven development, Angular & Node.js	300 - 122 W. Hastings	Vancouver	BC	V6B 1G8		enrolment@lighthouselabs.ca					
Adult learning, teacher development, project-based learning	Logos Summer Institute	www.logosinstitute.org/summer	Logos Summer Institute (nonprofit) provides workshops for teachers, parents, and technology integrates emphasizing learning through designing and building personally meaningful projects that support computational thinking. Experience this process yourself, and explore how to implement design-based learning with your students.	Teachers (so they can teach their students)	3 days	\$950	Scratch, robotics	250 West 89th Street, Suite 4D	New York	NY	10024	New York, NY	Michael Tempel		michael@media.mil.edu	(212) 579-8028		
Software, online community	Looking Glass	http://lookingglass.wustl.edu/	Looking Glass is an application and an online community dedicated to creating and sharing animated stories, while learning to program computers. Looking Glass is a free download for Windows, Mac OS X, and Linux. The latest version of Looking Glass was released on February 20, 2013.	Youth	N/A	Free	Looking Glass					N/A			lookingglass@lites.wustl.edu			
Online learning, multi-subject	Lynda.com	http://www.lynda.com/	Lynda.com is an online learning company that helps anyone learn software, design, and business skills to achieve their personal and professional goals.	Various skill levels	Self-paced	\$25/month	Various, including coding languages	6410 Via Real	Carpinteria	CA	93013	N/A				(888) 333-VNDA	1995	
Adult learning, in-person, bootcamps, full-time, web development, London	Makers Academy	http://www.makersacademy.com/	Makers Academy is a highly-selective, 12-week full-time program that teaches web development. The program accepts only the top applicants onto the course for a rigorous program that culminates with graduation (AKA hiring) day where graduates are introduced to London's top technology companies looking to hire entry-level developers.	Various skill levels	12 weeks	Tuition: £9,000 Payment plans available £ 500 Scholarship if you're a female	Ruby on Rails, HTML5 & CSS, Agile & Lean, JavaScript & jQuery, Git & Heroku, software design	Floor 4 Egghurst House 25 City Rd	London EC1Y 1AA	UK		London, United Kingdom			contact@makersacademy.com			
Adult learning, online, bootcamps, part-time, web development, London	Makers Academy Global	http://lgbolab.makersacademy.com/	Makers Academy Global is a pilot program that uses the same curriculum, the same highly selective process and the same intensity (about 50 hours per week) as the Makers Academy London Course, but you can study in the comfort of your own home.	Various skill levels	12 weeks	£3,000 - £8000; £ 500 Scholarship if you're a female	Ruby on Rails, HTML5 & CSS, Agile & Lean, JavaScript & jQuery, Git & Heroku, software design	Floor 4 Egghurst House 25 City Rd	London EC1Y 1AA	UK		N/A		Evgeniy Shadrin	Founder	global@makersacademy.com		
Youth learning, girls, middle school girls, Saturday, game development, mobile, App Inventor	Making a Difference: Girls, Technology, and Social Change	https://www.ncsl.org/programs/ncslcpgp/ncslcpgp2013/programs.html	Making a Difference: Girls, Technology, and Social Change is a Saturday Summer program that will bring a group of girls on a journey to create a game or app, with the main objective being to find local middle schools for field or classroom projects. Under the leadership of a group of girls, the program will empower middle school girls with the gender-supportive environment the wishes they had as a high school student. The program will focus on teaching Scratch, Globaloria, and App Inventor.	Middle school girls			Scratch, Globaloria, and App Inventor					Naples, FL	Tracey Lanham	Advisor, Hodges University	T.Lanham@Hodges.edu	(239) 938-7779		
Youth learning, in-person, workshops, robotics, programming, math	Math Plus Academy	http://www.mathplusacademy.com/	Math Plus Academy is an after school academic enrichment program. Students come to MPA to master mathematical thinking, gain the confidence to solve difficult problems & get inspired to do great things. Classes include Elementary math, Middle school math (pre-algebra, algebra, geometry), LEGO Robotics, LEGO Engineering, LEGO League, Computer Programming, Math Olympiad, Trigonometry, and Chess Club.	Programming classes for ages 9-15	Varies		Scratch, Python	9651 Sawmill Road	Powell	OH	43065	Powell, OH			powell@mathplusacademy.com	(614) 792-6284	2008	
Youth learning, high school, coding, summer, camps, in-person, project-based	Mathematica Summer Camp	http://mathematica.camp.org/	The Mathematica Summer Camp is an intensive 12-day program geared toward advanced science, technology, and mathematics students entering grades 11 and 12. Students will learn Mathematics programming skills and higher math through projects and lectures. The camp combines hands-on training with Wolfram Research employees and instructors, peer collaboration, expert speakers on topics of interest, and individual exploration. Homeworks and individual projects will be assigned based on programming skill and subject interest.	High school	Two-weeks (overnight)	\$1,750	Wolfram Language					Boston, MA			admin@mathematica.camp.org		2012	
Youth learning, in-person, game development, mobile, camps, youth founders	Mento App Academy	http://www.mentoappacademy.com/	Mento App Academy focuses on app programming. All classes are designed for kids who have no prior programming experience. The Mento App Academy was started in November of 2011 by two middle school students, Max Colbert and Matt Dittabough. The Mento App Academy is focused on helping kids learn about technology. They teach boys and girls between the ages of 9 and 13 years old how to program mobile apps. The courses at Mento App Academy are taught by Max Colbert and Matt Dittabough. Their fathers, a local VC and an IT executive, provide a second level of technical support to participants of the program.	Ages 9-18	Varies	Free per course	CoronaX.us					Atherton, CA			Info@MentoAppAcademy.com		2011	

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded		
Adult learning, in-person, bootcamps	Mets	http://www.thisismets.com/	Mets provides intensive courses teaching job-ready skills for the new economy. Their first course is a 12-week web development bootcamp on-site in Boston. Apply to Mets if you are ready to get your hands dirty by learning new technologies, solving real-life problems, and making products. Mets believes that the combination of collaboration and practice leads to better learning. Mets offers comprehensive courses in digital practices, designed to teach the skills needed to succeed in an increasingly digital world. Classes focus on real-world problems, work is hands-on, learn-driven, and led by digital experts and industry leaders. Over the course of an intensive Mets class, students gain a fundamental understanding of the digital space that will enable them to begin, change, or improve their careers. Our upcoming bootcamp was created and is taught by thoughtbot, one of the world's leading Ruby on Rails consulting firms. They've designed or developed apps for organizations like Livefyre (the world's largest mobile payment network) and Lyft (a non-profit that brings higher education to more than 1 million students at all levels around the world). They give students the opportunity to learn directly from successful engineers and entrepreneurs who enjoy sharing knowledge and want to give back to the community. They're focused on project-based learning and aim to teach both core computer science concepts as well as the practical skills and applications today. They partner with the public school system, Out of Site, and Jamestown Community Center to provide elective credit to students that counts towards graduation. Mets is an intensive training and professional transformation program. Using a classroom that is facilitated by industry professionals, full-time participants become full-time mobile developers. At Mets, students get instruction through a curated set of videos, tutorials, and practice exercises. Mets' MOUSE is a new non-profit program designed to help moms on-ramp to careers in the tech + innovation economy. Their mission is to on-ramp moms to technical careers because their participation is essential to sustainable economic growth in a dynamic tech and innovation driven economy. They will provide salary classes, childcare, and industry overview, introduction to computer programming, networking, and career counseling.	Adults	12-week bootcamp	\$12,500 for bootcamp	Ruby on Rails	395 Hudson Street	New York	NY	10014	Boston, MA	Jason Moss, Bernardo Rodriguez	Co-Founders	info@thisismets.com				2013
Youth learning	Mission Bit	http://www.missionbit.com/	Mission Bit is an intensive training and professional transformation program. Using a classroom that is facilitated by industry professionals, full-time participants become full-time mobile developers. At Mission Bit, students get instruction through a curated set of videos, tutorials, and practice exercises. Mets' MOUSE is a new non-profit program designed to help moms on-ramp to careers in the tech + innovation economy. Their mission is to on-ramp moms to technical careers because their participation is essential to sustainable economic growth in a dynamic tech and innovation driven economy. They will provide salary classes, childcare, and industry overview, introduction to computer programming, networking, and career counseling.	SF public school students. No experience necessary.	Varies	Free						San Francisco, CA		CEO, Founder	info@missionbit.com			2013	
Adult learning, in-person, bootcamps, mobile	Mobile Makers Academy	http://www.mobilemakers.co	Mobile Makers Academy is an intensive training and professional transformation program. Using a classroom that is facilitated by industry professionals, full-time participants become full-time mobile developers. At Mobile Makers, you get instruction through a curated set of videos, tutorials, and practice exercises. Mets' MOUSE is a new non-profit program designed to help moms on-ramp to careers in the tech + innovation economy. Their mission is to on-ramp moms to technical careers because their participation is essential to sustainable economic growth in a dynamic tech and innovation driven economy. They will provide salary classes, childcare, and industry overview, introduction to computer programming, networking, and career counseling.	Various skill levels	8 weeks + 30-hour intro curriculum using online videos, tutorials and targeted exercises	\$7,000	iOS	223 W. Erie Street	Chicago	IL	60654	Chicago	Brandon Peadarley, Don Bora	Founder & Chief Mobile Engineer & Chief Facilitator	hello@mobilemakers.co			2012	
Adult learning, in-person, school-based, clubs, network, workforce development, robotics, game development, IT, undergraduate, youth development, certification	MOUSE	http://www.mouse.org/ http://www.mousequad.org/	MOUSE is a youth-centered design and technology program that develops emerging leadership, professional and technical skills of high school students from MOUSE Squads across NYC.	Underserved youth		\$150 for pilot program						San Francisco, CA	Tina Lee	CEO, Founder	info@motherscoders.org			2013	
Youth learning, software/app, video game	Move the Turtle (iOS)	http://movetheturtle.com/	With Move the Turtle, a friendly Turtle will introduce your child step by step to the basic concepts of programming in the graphic environment.	Ages 5+	Self-paced	\$2.99	Move the Turtle					N/A						1997: MOUSE Squad Program - 2000	
Adult learning, online, web development, mobile, web	Mozilla Developer Network	https://developer.mozilla.org/en-US/	The Mozilla Developer Network (MDN) is a wiki where anyone can add and edit content. The site has a compilation of resources to teach basic web and mobile development.	Various skill levels	Self-paced	Free	HTML, CSS, JavaScript					N/A							
Adult learning, youth learning, online, tool, web editor	Mozilla Thimble	https://thimble.webmaker.org/	Thimble is an intuitive visual editor that lets you write and edit HTML right in your browser, preview and correct your work, and then publish and share fully functional web pages with a single click. Thimble removes many of the barriers for novice users trying to learn code, and includes a series of starter projects and templates to help anyone get started quickly.	N/A	Self-paced	Free	N/A					N/A							
eBook	My Kid Can Code	http://mykidcancode.com/	Book	Ages 6-9	Self-paced							N/A	Javier James	support@mykidcancode.com				2011	
Adult learning, in-person, bootcamps, apprenticeship, web development, software development	Nashville Software School	http://nashvilleschool.org/	Nashville Software School (nonprofit) will help you prepare for a job as a entry-level or junior software developer - even if you have no prior technical training or experience. Their Bootcamp program is designed to take you from novice to developer in a realistic 12-week training and mentoring followed by an unpaid work placement as an apprentice programmer at a local business, government agency, and non-profit working to increase women's participation in information technology (IT). NCWIT believes that inspiring more women to choose careers in IT means a larger and more competitive workforce, with the ability to design technology that is as broad and creative as the people it serves. The NCWIT Award for Aspirations is recognizing young women at the high school level for their computing-related achievements and interests. Awardwinners are selected for their computing and IT aptitude, leadership ability, creative problem-solving, and interest in post-secondary education. The NCWIT Aspirations Award is a national award that recognizes young women who are competitors to generate support and visibility for women's participation in computing nationwide. This program is connected to NCWIT's Aspirations Program which helps these winners start coding programs for middle school girls. Aspirations in Computing is a talent development initiative designed to increase female participation in technology careers by providing encouragement, visibility, community, leadership opportunities, scholarships, and internships to inspiring technically inclined young women. Since 2007, NCWIT has inducted more than 2,500 young women into the Aspirations in Computing community and is helping to usher these women into technology careers.	Targeting locals to Nashville to home grow bootcamps in Nashville.	6 months	\$1,000 for students with no training/experience. FREE tuition with paid stipend during the 12 weeks of the Software Development Foundations class. Stipend continues if get apprentice developer job with a partner company. Limited full scholarships for minority and disadvantaged students. May also be eligible for appropriate computing equipment for students. (Upon graduation, if students hired by partner company, partner company pays a placement fee. If student goes to a non-partner tech company, student can have summer camp to enter program costs.)	Full stack, 2 courses: web development, software development, HTML, CSS, JS, Ruby on Rails	Nashville Business Incubation Center 315 Tenth Avenue North	Nashville	TN	Nashville, TN	Peter Burum	CTO & Co-founder	nashsoftwareinfo@gmail.com				2012	
Adult learning, women, IT, network, advocacy	National Center for Women in IT (NCWIT)	http://www.ncwit.org/	NCWIT believes that inspiring more women to choose careers in IT means a larger and more competitive workforce, with the ability to design technology that is as broad and creative as the people it serves. The NCWIT Award for Aspirations is recognizing young women at the high school level for their computing-related achievements and interests. Awardwinners are selected for their computing and IT aptitude, leadership ability, creative problem-solving, and interest in post-secondary education. The NCWIT Aspirations Award is a national award that recognizes young women who are competitors to generate support and visibility for women's participation in computing nationwide. This program is connected to NCWIT's Aspirations Program which helps these winners start coding programs for middle school girls. Aspirations in Computing is a talent development initiative designed to increase female participation in technology careers by providing encouragement, visibility, community, leadership opportunities, scholarships, and internships to inspiring technically inclined young women. Since 2007, NCWIT has inducted more than 2,500 young women into the Aspirations in Computing community and is helping to usher these women into technology careers.	Women					NCWIT University of Colorado Campus Box 392 LCSB	Boulder	CO	80309	Boulder, CO	Ruth Farmer, Mala Fredrickson	Director of Strategic Initiatives, Awards Program Manager	info@ncwit.org			2004
Youth, award, network	NCWIT Aspirations in Computing Award	http://www.aspirationsaward.org	Aspirations in Computing is a talent development initiative designed to increase female participation in technology careers by providing encouragement, visibility, community, leadership opportunities, scholarships, and internships to inspiring technically inclined young women. Since 2007, NCWIT has inducted more than 2,500 young women into the Aspirations in Computing community and is helping to usher these women into technology careers.	Young women					NCWIT University of Colorado Campus Box 392 LCSB	Boulder	CO	80309	Boulder, CO	Ruth Farmer	Director of Strategic Initiatives	aspirations@ncwit.org	(303) 735-6671	2007	
Youth, girls, award, college, scholarship, teacher award	NCWIT Aspirations in Computing Talent Development Initiative	http://www.ncwit.org/programs/aspirations-in-computing-talent-development-initiative	Aspirations in Computing is a talent development initiative designed to increase female participation in technology careers by providing encouragement, visibility, community, leadership opportunities, scholarships, and internships to inspiring technically inclined young women. Since 2007, NCWIT has inducted more than 2,500 young women into the Aspirations in Computing community and is helping to usher these women into technology careers.	High school girls								Boulder, CO	Ruth Farmer, Mala Fredrickson	Director of Strategic Initiatives, Awards Program Manager	aspirations@ncwit.org				
Adult learning, online, web development	netTuts+	http://net.tutsplus.com/	NetTuts+ is a site aimed at web developers and designers offering tutorials and articles on everything, with a focus on how to improve design and build websites. The site covers HTML, CSS, JavaScript, CMS's, PHP and Ruby on Rails. If you want to take your web development to the next level, visit Tuts+ Premium - their online education platform for web developers and designers.		Free: Tuts+ Premium costs \$19/month or \$180/year		HTML, CSS, JavaScript, CMS's, PHP and Ruby on Rails					N/A						2008	
Adult learning, in-person, online, open source	New Circle	http://www.thewordcircle.com	New Circle is a training company focused on open source development. They offer a wide array of training classes and are a world-class, experienced group of instructors who have taught at some of the biggest technology companies in the industry. In addition to professional training, New Circle is also responsible for teaching new, high-quality educational courses. The New Circle Code & Design Academy focuses on intensive courses designed to teach aspiring programmers and designers how to build their own fully functional websites and mobile apps. Beginning with our foundation in Web Design & Development, we demystify the languages and processes of web development and demystify the process of learning to code. Taught by some of New York's leading industry professionals, our project-based courses introduce students to a collaborative learning environment where they will learn the dominant web languages of HTML, HTML5, CSS, JavaScript, and Ruby on Rails.	Various skill levels	Varies	Free and fee-based courses	Android, HTML5, Java, Python, CSS3, Ruby, and more	301 Howard Street, Suite 550	San Francisco	CA	94105	San Francisco, CA		CEO, Founder	hello@thewordcircle.com			2015	
Adult learning, in-person	New York Code & Design Academy	http://www.nycode.com/	NYCode is a community driven, open source educational software that teaches various node.js and JavaScript skills in an interactive, self-guided format. Their website has chosen your own adventure style lessons where you can learn how to use node.js, npm and other related tools by writing code to solve real-life problems. The lessons run in your terminal and work on Windows, Mac, and Linux.	Adults	Varies	Free per course	HTML, CSS, JavaScript, Query, Ruby on Rails, PHP	100 E 17th Street	New York	NY	10003	New York, NY			info@nycode.com			2012	
Online learning	NodeSchool	http://nodeschool.io/	nodeschool.io is a community driven, open source educational software that teaches various node.js and JavaScript skills in an interactive, self-guided format. Their website has chosen your own adventure style lessons where you can learn how to use node.js, npm and other related tools by writing code to solve real-life problems. The lessons run in your terminal and work on Windows, Mac, and Linux.	Anyone	Self-paced	Free	node.js												
Adult learning, youth learning, online, web development, certification	Nonameville.com's School of Code (SoCo)	https://www.nonameville.com/web2016/socho	Nonameville.com's School of Code (SoCo) is a product of TagCodes that provides training in game development and coding.	Beginners	Self-paced	Free	Java, JavaScript, HTML, CSS, C++, Illustrator, Photoshop	TagCodes, Inc. 95 Gladstone Blvd.	Glastonbury	CT	06033	N/A			support@nonameville.com			1866: TOP-CODE	
Youth learning, in-person, bootcamps, camps, workshops, competitions, mentors, entrepreneurship, web development, media, online learning, high school, low-income	NYC Generation Tech (GenTech) Program	http://www.nygenerationtech.com/ http://www.nygen.com/whatprogramsnew-york-city-youth-generation-tech/	NYC GenTech is a training company focused on open source development. They offer a wide array of training classes and are a world-class, experienced group of instructors who have taught at some of the biggest technology companies in the industry. In addition to professional training, New Circle is also responsible for teaching new, high-quality educational courses. The New Circle Code & Design Academy focuses on intensive courses designed to teach aspiring programmers and designers how to build their own fully functional websites and mobile apps. Beginning with our foundation in Web Design & Development, we demystify the languages and processes of web development and demystify the process of learning to code. Taught by some of New York's leading industry professionals, our project-based courses introduce students to a collaborative learning environment where they will learn the dominant web languages of HTML, HTML5, CSS, JavaScript, and Ruby on Rails.	High school students eligible for free and reduced lunch or students from schools with more than 50% free and reduced lunch rate.	Summer 2-week bootcamp, 6 full sessions	Free	HTML, CSS, and JavaScript					New York, NY	Terry Bissman	NYCGenerationTech@nyc.gov		(212) 232-3333	2012		
Youth learning, in-person, summer, workshops, web development, animation, game development	Oblique for Kids and Teens	http://www.obliqueforkids.com/	Oblique for Kids and Teens offers summer programming courses to young people ages 4-11. Course topics include 4th/5th/6th/7th/8th Arts, Language Arts, English, Math, Reading, Logic, Robotics/Electronics, Science, Social Studies, SAT/College Preparation. Their computer programming offerings include: Customizing Word Press Blogs (HTML, PHP, CSS) Coding Academy (HTML, JavaScript, Python, Ruby and Mobile Apps) How to Programming (Scratch) Create Your Own Website (HTML, CSS, JavaScript) Logic & Animation (Alice and Scratch) Creating Computer Games 3D Animation and Intermediate Programming (Alice) Advanced Technology Projects	Grades 4-11	Varies	Free per course	Alire, HTML, Java, JavaScript, PHP, Scratch, Ruby, Python	4300 Mission Blvd	Fremont	CA	94539	San Francisco, CA		rdk @oblique.edu		(510) 742-2394			
Adult learning, in-person, bootcamps	Omaha Code School	http://omahacodeschool.com/	Omaha Code School provides to turn students from novices to release web developers in 12-weeks through 800 hours of hyper-relevant training, creating a portfolio of 24 impressive projects, and meeting the industry through field trips, guest speakers, and exclusive job fairs. Students will learn Ruby on Rails, HTML5 & CSS3, JavaScript Fundamentals, Test Driven Development, Agile Development, Git and Version Control, peer programming, and career preparation. Upon completion of the program, Omaha Code School will host a demo day, exclusive job fair, and public graduates through their job search.	Beginners	12 weeks	\$6,000	Ruby on Rails, HTML5, CSS, JavaScript, etc.					Omaha, NE			learn@omahacodeschool.com			2013	

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded
Adult learning, online, game development, robotics, computer science, databases, development, animation, sound, mobile, web development	OnlineCourses.com	http://www.onlinecourses.com/computer-science	OnlineCourses.com aggregates the best free and open courseware for students and professionals, all in a conveniently searchable online courseware platform. Search, track, and share progress on over 500 university and college level classes globally. Formerly known as EduCourse.com, the company continues to carefully select and share with you new courses every week. From biology to accounting, foreign languages to science, OnlineCourses.com ensures you get a world-class education from the world's top schools and scholars anytime, anywhere.	Anyone	Self-paced	Free	Various subjects, various computer languages					N/A	admin@onlinecourses.com				
Youth learning, in-person, low-income, summer, camps, game development, after-school	OpenWorld Learning (OWL)	http://www.openworldlearning.org/	OpenWorld Learning (OWL) is a non-profit organization that provides a level of learning. OpenWorld Learning serves approximately 40 students per year per site - currently 600 students annually. Their curriculum is designed to impact the school success of low-income students and by virtue of the neighborhoods they currently serve, approximately 92% of their students qualify for the federal free and reduced lunch program. Despite this population at high risk for school failure and dropout, greater than 90% of the 120 children we have served since inception have made dramatic gains in computer skills.	Grades 3-8		fee per camp	Microworldslop, Scratch	390 Apollo St Suite 192	Denver	CO	80223	Denver, CO	info@openworldlearning.org			303.832.0056	2006
Adult learning, online	OpenAPI.com	http://openapi.com/	Chest street resource that links to educational materials for code in various coding languages.	Various skill levels	Self-paced	Free	Various					N/A					
Youth learning, black, Hispanic, collaborative, curriculum, computer science, teacher development, web development, mobile	Partnership for Early Engagement in Computer Science (PEECS)	http://www.scs.howard.edu/research/PEECS	The Partnership for Early Engagement in Computer Science (PEECS) is a partnership between the Howard University Department of Systems and Computer Science, the Howard University Middle School of Math and Science (MS2), and Google. The program is designed to increase the K-12 computer science pipeline through the creation of a full academic curriculum that teaches African-American and Hispanic middle students core computer science fundamentals, including but not limited to: Problem-solving and logic; algorithm development; Computational thinking; and Programming. PEECS serves as a laboratory to conduct rigorous research in Computer Science Education. Both summative and formative evaluations and assessments are conducted by WestEd to add to the body of knowledge on how to best prepare and deliver computer science pedagogy to underrepresented groups (i.e. in particular African-American and Hispanics).	K-12			Human-Computer Interaction, Problem Solving, Web Design, Programming, Computing and Data Analysis, Mobile Application Development					Washington, DC	Dr. Nicki Washington		info@ecs.howard.edu	(202) 806-6995	
Adult learning, online, new	Path2Code	http://path2code.2kickuphugues.com/	Path2Code plans to provide an online platform to teach coding skills and connect students to jobs. No programming has been held as of September, 2013. Video highlighting Path2Code model: http://www.youtube.com/watch?v=05ARJmGmGag									N/A					2013
Adult learning, in-person, bootcamp, apprenticeship, programming, python, entrepreneurship, web development, female founder, JavaScript, SQL, mobile	PDX CODE GUILD	http://pdxcodeguild.com/	PDX Code Guild offers accelerated, hands-on, full-stack developer bootcamps. Class sizes are kept small to allow for individual attention.	Adults	Varies, 2 weeks, 12 weeks, 16 weeks		JavaScript, python, SQL	2626 SW Corbett Ave	Portland	OR		Portland, OR	Shari Dover	Director	Shari@PDXCodeGuild.com		
Adult learning, online, certification, MOOC, web development, game development	PeepCode	http://peepcode.com/	Now owned by Pluralsight, Peepcode is a Seattle-based company that provides computer training for its 100,000+ members. The Peer 2 Peer University (P2PU) is an online community of open study groups for short university-level courses. Think of it as online book clubs for open educational resources. The P2PU helps you navigate the wealth of open educational materials that are out there, creates small groups of motivated learners, and supports the design and facilitation of courses. Students and tutors get recognition for their work, and the group is building pathways to formal credit as well. Courses include topics on almost anything, including web development and game development.	Various skill levels	Self-paced	\$199 for unlimited access to all existing screencasts and new releases for one full year	Ruby on Rails, JavaScript, Ruby, Play by Play, Uba, RSpec, Deployment, Pdf Design, Cocoa on iPhone, Node, Databases, Productivity, Git					N/A		peepcode@tuturkru.com		2006	
Adult learning, online, verification, MOOC, web development, game development	Peer 2 Peer University (P2PU) School of Javascript	https://p2pu.org/en/ https://p2pu.org/en/schools/school-of-javascript/	The Peer 2 Peer University (P2PU) is an online community of open study groups for their university-level courses. Part of all open study groups for open educational resources. The P2PU helps you navigate the wealth of open educational materials that are out there, creates small groups of motivated learners, and supports the design and facilitation of courses. Students and tutors get recognition for their work, and the group is building pathways to formal credit as well. Courses include topics on almost anything, including web development and game development.	Adults	Self-paced	Free						N/A			peepcode@p2pu.org		
Adult learning, online, web development	Phacademy	http://phacademy.org/	Phacademy is a community-based site working to educate the world on web development. It provides tutorials, how-to videos and forums.	Various skill levels	Self-paced	Free	PHP, MySQL, JavaScript/JQuery, Java, CSS, Server, HTML5, ColdFusion, etc.					N/A			hello@phacademy.org		
Youth learning, in-person, game development, mobile, computer workshops	Pixel Academy	http://www.pixelacademy.org/	The Pixel Academy is a community of kids and teens that are passionate about learning 21st Century Skills. Members get access to thousands of dollars worth of state of the art technology, from virtual reality goggles and 3D Printers to self-teaching guitars and digital drums. Assisted by our expert staff, Pixel members are able to explore and master new and relevant subjects that traditional schools aren't able to provide like Video Game Design, 3D Printing, Arduino Programming, App Development, Film Making, Music Writing, and so much more.	Mostly ages 7-12				163 Pacific St.	Brooklyn	NY	11201	Brooklyn, NY	workshops@pixelacademy.org			(866) 771-6837	2012
Youth learning, in-person, summer, camps, school-based, curriculum, after-school, robotics, game development, mobile, teacher development	Planet Bravo	http://www.planetbravo.com/	PlanetBravo is currently the largest computer and technology Summer Camp in Los Angeles, as well as a provider of in-school computer instruction and after-school enrichment courses. PlanetBravo partners with software companies, schools, and recreation centers in the greater Los Angeles area to offer day time classes, 1-on-1 professional development training, and summer camps focused on new media technologies.			Free per course	Various	1105 Gayley Ave.	Los Angeles	CA	90024	Planet Bravo, CA	info@planetbravo.com			(310) 443-7607	2003
Adult learning, online, video development, mobile	Pluralsight	http://www.pluralsight.com	Pluralsight is a Utah-based company that provides computer programming training. They provide services for individuals, businesses, and academic institutions. Pluralsight is the global leader in high-quality online training for software developers. The revolutionary Pluralsight training library provides developers with instant access to a rich collection of online training courses delivered by industry authorities. Pluralsight offers education grants, providing institutions and teachers with access for students to a first-in-class learning experience, on-demand in the classroom or at home.	Kindergarten - adult, individuals, businesses, academic institutions	Self-paced	Individual packages start at \$29/month and go to \$499/year	Wide variety of developer languages					N/A					2004
Adult learning, in-person, bootcamps, mobile, Australia	Procademy	http://procademy.com	Procademy is a bootcamp for entrepreneurs and people looking to change their career. To build their dream app by teaching them how to do it in 11 weeks. They're also integrated with Code for Australia (http://codeforaustralia.com.au/) and ProP Source (http://probounce.aws.af.cm/)	Various skill levels	11 weeks	AUD \$499 up front, AUD \$459/week. If you are applying to the Code for Australia program, your tuition may be seriously discounted or be completely Free.	PHP, JavaScript					Canberra, Australia	inquiry@procademy.com		(61042) 992-5975	2012	
Adult learning, in-person, bootcamps	Portland Code School	http://portlandcodeschool.com/	The Portland Code School is an intensive 12-week course focused on teaching the essential skills necessary to begin working as a junior programmer upon graduation. The Portland Code School runs 12-week sessions three times a year.	Full Stack JavaScript programs - one track is immersion style over 12 weeks, and another is a part-time evening track over 16 weeks. Also offer iOS, Ruby on Rails, and advanced seminar courses upon demand.	12 weeks		HTML, CSS, JS, Forms, Ruby, etc.	735 SW 20th Place	Portland	OR		Portland, OR	Craig Kelly	Director	info@portlandcodeschool.com	(503) 308-9030; (866) 863-7365	2012
Youth learning, parent resources, teacher resources, platform, research, programming, game development	Powerful Learning (by CFY)	http://cfy.org/ , http://powerfullearning.org/	CFY is a national nonprofit organization that helps students, teachers, and parents use digital learning to improve educational outcomes. Its free Powerful Learning.org platform provides innovative tools and thousands of engaging curated K-12 activities to inspire and drive student learning. Available courses include computer programming, 3D programming, and game design, among other subjects.	K-12	Self-paced	Free	Math, Language Arts, Science, Social Studies, Art & Music, Technology (computer programming, computer research, productivity), World languages	490 Mitchell Lane	Palo Alto	CA	94301	New York, NY; Los Angeles, CA; Atlanta, GA; San Francisco bay area, CA; Philadelphia, PA	CFY-SF Bay@cfy.org; http://powerfullearning.org/support		(415) 683-3123	2010	
Software/apps, tool, open source, programming language, online community	Processing	http://processing.org/about/	Processing is a programming language, development environment, and online community that, since 2001, has promoted software literacy within the visual arts. Initially created to serve as a software sketchbook and to teach fundamental concepts of computer programming within a visual context, Processing was developed into a tool for creating finished professional work as well. Processing is used in classrooms worldwide, often in art schools and visual arts programs in universities, but it's also found frequently in high schools, computer science programs, and humanities curricula.	Anyone	N/A	Free	Processing					N/A			foundation@processing.org		2001
Youth learning, in-person, teacher development, summer, workshops, chapter-based	Program by Design	http://www.programbydesign.org/	Program by Design (nonprofit) provides a free summer workshop series for teachers. The workshops are intended for middle school and high school math and computing teachers, and for college and university faculty interested in introducing computing education.	Ages 13+ teachers		Free	Beginning programming (functional + test-driven)					National			Stephan Bloor (UCSD), John Clemens (Cal Poly), Mathias Fellesen - Lead (Northwestern), Robby Fischer (Northwestern), Kath Fisher (UPV), Marlene Flatt (UCLA), Vera Prouk (Northwestern), and Sherran Krishnamurthy (Brown) and our students.	mathias@cps.neu.edu	
Youth learning, girls, middle school, in-person, Girl summer program, after-school	ProgrammingGirls' Alice Workshop for Girls	http://programminggirls.com/the_alice_workshop.html	ProgrammingGirls hopes to introduce information technology to girls and promote an interest in computing among young women. With Alice Workshops for Girls, sisters Aled and Eilana Murphy offer two-week camps on Alice programming in summer. The first week is targeted to beginners while the second is for intermediate programmers who either returned from previous summers or who are excited enough to continue on for a second session.	Middle school girls, beginning & intermediate programming	two weeks	\$250	Alice					Greensboro, NC	Thomas Espinola	Gulford College	info@programminggirls.com; tom@guilford.edu	(336) 336-2193	2011
Adult learning, online	Programmm	http://www.programmm.com/	At Programmm (erstwhile Program) you can code, compile & run projects right in the browser in almost any language. You can code & run command-line programs, web applications, mobile apps, database apps as well as rich media apps right in the browser.	Anyone	Self-paced	Free	Java, C++, Python, C#, PHP, Ruby, Android, iOS, J2EE, JS, Ajax, Games, Flash, SQL, HTML5/CSS	87 Deming St.	San Francisco	CA	94114			info@programmm.com			2011
Youth learning, game development, pilot	Project A-Game	http://www.youthspring.org/ , Sacramento Salvation Army website	Funding for Project A-Game is coming from the ESA, a U.S. trade body representing the game industry, and the nonprofit California Endowment. E-Line Media, a publisher of game-based educational products, is providing "technical and logistical support," according to a press release from the ESA. These pilot youth-run game studios will serve as a venue for participants to develop game-making skills such as programming, digital design, illustration, animation, visual storytelling, and project management. The studios will also provide an opportunity for youth to collaborate in the creation of original computer and video games. As youth develop experience as game makers, they will also have an opportunity to serve as peer mentors for newer members of the studio.	Youth				8711 MacArthur Blvd.	Oakland	CA	94609	Oakland, CA, Sacramento, CA				(510) 777-9909	2013

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded
Youth learning, in-person, girls, network, mentors, events, resources, conference	She++ (#Bcode4teachergirls)	http://sheplusplus.stanford.edu/index.php	She++ was Stanford's first conference on women in technology. It has now grown into a full-fledged community that inspires women to empower computer science. Through a number of initiatives, they aim to create community and momentum for female technologists. Their new mentoring program connects youth with a role model in computer science or related field.	Girls, women								Stanford, CA	Elora Ierani, Ayna Aspari	Co-founders	elora@stanford.edu , ayna1@stanford.edu		2012
Adult learning, online, women, members	Skilnough	http://skilnough.com/	Skilnough is a community-driven network that provides beginning classes in web development, mentoring/instructor support, and video office hours.	Beginners, all ages, but primarily focused on women	3 weeks	\$125 for 3-week class	HTML, CSS, web design					N/A	Adita Binir (Kate McLee, Emily Davis)	CEO	hello@skilnough.com		2012
Adult learning, online, in-person, workshops	Skilshare	http://www.skilshare.com/	Skilshare is a global community where you can learn real-world skills from flexible teachers on a myriad of subjects, including coding.	Anyone, various skills	Varies by course	Fee-based courses	Various					N/A	Michael Kamnitsarakon	CEO & Co-Founder	hello@skilshare.com		2011
Adult learning, in-web development	Smart Factory	http://smarfactory.com/	Smart Factory is a San Francisco software school for smart people. It's a school for designers, engineers, and webdev owners who want to expand their skillset to meet growing market demands for expertise. Courses are taught by industry experts who are the brains and power behind hundreds of successful products. Based in Minneapolis, MN, Smart Factory offers multi-week evening courses in Mobile UI Design, iOS Development, Web Development, Ruby on Rails, and Android Development.	Require significant experience in programming or design for the Mobile UI Design, iOS Development, Ruby on Rails, and Android development classes. Basic experience for a web production class.	8 weeks/class	\$850-\$1500 per course	Mobile UI, iOS Development, web production, Ruby on Rails, Android	2913 Hamlet Ave S, Suite 104	Minneapolis	MIN	55408	Minneapolis, MN			co@smarfactory.com		
Youth learning, programming language	Scrap! (formerly BYOB)	http://byob.berkeley.edu/	Scrap! (formerly BYOB) is a visual, drag-and-drop programming language. It is an extended implementation of Scratch (a project of the Lifelong Kindergarten Group at the MIT Media Lab) that allows you to Build Your Own Blocks. It also features first class lists, first class procedures, and continuations. These added capabilities make it suitable for a serious introduction to computer science for high school or college students. It was developed by Jens Monig with design input and documentation from Brian Marick.	Elementary to college, beginners	Self-paced		Scrap!					N/A	Brian Harvey, Jens Monig		bh@cs.berkeley.edu , jens.monig@citrussoft.com		
Adult learning, in-web development, full-time, apprenticeships, mentors	Software Craftsmanship Guild	http://sorguild.com/	The Software Craftsmanship Guild seeks to help people passionate about technology gain the necessary skills to contribute to enterprise development teams. It offers a 12-week software developer training that uses apprenticeship principles to help individuals get a jump start on software developer careers. You will be taught practical applications of taking a web application from start to finish. This includes a database layer, a middle tier/service layer, and a user interface layer. Currently in the Akron, OH region the number of job opportunities in the Microsoft stack for computer science graduates, so their curriculum offerings are focused on the technologies we will gain experience with: .NET Framework (C# and VB.NET), SQL Server and the T-SQL language, ASP.NET MVC, JavaScript, jQuery, source control, and fundamentals of software project management.	Various skill levels	12 weeks	\$10,000; Refund 50% via job program		526 S Main St	Akron	OH		Akron, OH			contact@sorguild.com		2013
Youth learning, in-person, middle school, high school underrepresented (game development)	Software Development for Kids	http://sdfkbridge.com/youth.php	The Software Development for Kids (SDK) project was created to give middle and high school students the chance to experience more than the learning how to use a commercial software product. The goal is to work with kids—especially from underrepresented groups—to consider careers in the field of technology. We teach creative technology classes that either involve computer programming or some kind of human-computer interface that goes beyond keyboard and mouse.	Middle & high school youth, underrepresented groups			Scratch, Kodu, ipson, vml	3DK Bridge, LLC 1035 NE 4th St	Seattle	WA	98115	Seattle, WA			info@sdfkbridge.com		
Youth learning, software, programming language, game development	Stagecast Creator	http://www.stagecast.com	Stagecast Creator is an application for building interactive 2-D simulations, games, and more. Starting with a blank stage, users add a cast of characters and then move the characters around to visually generate "rules of behavior." Students create simulations that demonstrate concepts in science, math, or other subjects that they can then give to their friends. In the process, they apply basic computer science concepts in an object-oriented programming environment—without needing to learn a programming language. Easy to learn, the software includes a self-paced tutorial.	Grades 1 - 10	Self-paced	Free evaluation version Prices vary for consumer and school licenses		1325 Howard Ave., #705	Burlingame	CA	94010				info@stagecast.com	8550 599-0399	1987
Adult learning, online, computer science	Stanford Engineering Everywhere	http://see.stanford.edu/courses.aspx	SEE programming includes one of Stanford's most popular sequences: the three-course Introduction to Computer Science taken by the majority of Stanford's undergraduates and seven more advanced courses in artificial intelligence and electrical engineering.	Anyone	Self-paced	Free	Intro to computer science					N/A			see.information@lists.stanford.edu		
Youth learning, in-person, elementary, middle school, high school members, chapter-leads	STARIS Computing Corps	http://www.stariscorps.org/corps.aspx	STARIS Computing Corps is a national community of regional partnerships with a mission to grow a diverse 21st century technology workforce. The Corps is a framework for integrating engagement into computing departments for recruitment and graduation of undergraduate and graduate students, and each location implements its own programs.	K-12, College, Faculty	Varies	Free	Various					N/A			karen.beam@unc.edu	704.687.8380	2006
Youth learning, in-person, high school	Start Code	http://www.startcode.net/	Start Code is a place where students learn to create with technology while working together with friends and becoming future innovators. Their teach computer programming in a flexible environment that combines class and lab time with coaching and mentoring. Students learn not only how to program and create software but also learn how to apply these skills through projects and team activities. Programming labs are organized by age, subject, and programming tools.	Elementary, middle, and high school	Varies	Fee per program	Scratch, Python, Java, Robotics, etc.	5991 North Druid Hills Rd	Atlanta	GA	30329	Atlanta, GA			geek@startcode.net	404.507.2772	2012
Adult learning, in-person, bootcamps web development, mentors, full-time, part-time	Starter League	http://www.starterleague.com	The Starter League is a 11-week programming boot camp in Chicago, IL that teaches people how to build web applications. While providing top-notch instruction and mentorship from the best developers Chicago has to offer, The Starter League also empowers students through a network of Chicago's best entrepreneurs, investors, and companies to help people make their ideas real and grow them.	Various skill levels	11 weeks	\$2,000	Ruby on Rails, web development, CSS & HTML, JavaScript, and more	222 W. Merchandise Mart Plaza	Chicago	IL	60604	Chicago, IL	Neal Stasi-Griffin	Co-Founder and CEO	hello@starterleague.com		2011
Adult learning, in-person, bootcamps, full-time	Startup Institute	http://www.startupinstitute.com/	Startup Institute is a great place for people who want to learn how to start a business and start companies. In 9 months, full-time Monday through Friday, you will learn how to build a web application that you care about. You'll be immersed in ongoing classroom sessions with hands-on labs, deep-dive techniques, and focused product development. You'll apply what you're learning to your own ideas at every step. Each step of Starter School is designed to build on top of the preceding one. In phase one, you will get a solid foundation in web development and entrepreneurship. In phase two, you will learn how to effectively design user interfaces and continue to develop your programming skills. In the final phase, you will unite all of your abilities in order to ship a web application that you care about.	Various skill levels	9 months	\$12,000 per quarter, excluding housing, materials, and personal expenses. One-time only discount of \$3,000 dollars for students in our first class, for a total tuition cost of \$3,000.	Web design, web development, entrepreneurship, & product development					Chicago, IL			hello@starterschool.com		2013
Youth learning, entrepreneurship, design, development	Startup@BSU South Bronx (SB@2)	http://sbso.org/	Startup Institute Boston/New York works with professionals, career changers, and dynamic individuals to equip them with the skills needed to have an immediate impact on the startup company they join. The program is a full-time, intensive, 160-hour experience that will catapult you into the startup technology ecosystem in the areas of web development, product and design, marketing, or sales and business operations. They also connect to Startup@MIT which is a part-time deep-dive into a specific skill set.	Various skill levels	2 months	\$3,750. \$1,000 discount for paying upfront. \$2,750 reimbursement with job placement.	Ruby on Rails Essentials; Developer Best Practices; Git basics; working cooperatively with GitHub; Cloud concepts; Heroku and AWS; PostgreSQL, MongoDB, JavaScript	1 Cambridge Center, 6th Floor	Cambridge	Massachusetts	2142	Chicago, IL, Boston, MA, New York, NY	Shaun Johnson	Co-Founder	info@startupinstitute.com		2012
Youth learning, in-person, IT, hardware repair, operating systems, software applications, networking, school-based, after-school	Student Tech Corps (Program of Tech Corps)	http://home.techcorps.org/index.php/techcorp.aspx#page=techcorp	Student TECH CORPS@BSU delivers tech support training and certification to middle and high school students, and then harnesses their knowledge to power a Student-Run Help Desk to provide valuable technical support in their school buildings or communities. This program may be run during the school day as a part of the regular curriculum, during study hall or as an after-school activity.	Middle School, 6th - 8th and High School, 9th-12th	30+ hours of online training, plus help-desk activities			112 Jefferson Ave., #3	Columbus	OH	43215	Columbus, OH			media@techcorps.org	(614) 583-9211	
Youth learning, in-person, web development, project management, summer, school-based, after-school	Student Web Corps (Program of Tech Corps)	http://home.techcorps.org/index.php/techcorp.aspx#page=webcorp	Student WEB CORPS provides high school students with a suite of web development, project management and professional skills and then challenges them to apply those skills in the authentic task of building a website for a small business or nonprofit organization in their community. This program may be run during the school day as a summer experience or after-school activity.	Grades 9-12	100+ hours of programming			112 Jefferson Ave., #3	Columbus	OH	43215	Columbus, OH			media@techcorps.org	(614) 583-9211	
Youth learning, summer, events	StudentRND	http://thestudentrnd.org/	In Seattle, StudentRND's built an incredible community around an event during the school year called CodeDay, and an 8-week summer program called the SummerRND Labs. At CodeDay, they encourage everyone to build something that they are awesome, and if the SummerRND incubator starts to grow, they encourage everyone to build something that they are awesome. They also connect to Startup@MIT which is a part-time deep-dive into a specific skill set.	Youth, high school, college				1405 132nd Ave NE, Suite 3	Bellevue	WA	98005	Bellevue, WA	Edward Jiang	CEO	edward@studentrnd.org , contact@studentrnd.org	425.780.7901, ext 1	2009
Youth learning, post-secondary, in-person, summer, internships, quality assurance	SummerQ&P	http://www.summertime.org/	Sparked by a conversation between Google+ co-founder, Steve Martocci and musician Jon Bon Jovi, SummerQ&P was created in 2012 as part of the White House's Summer Jobs initiative. The goal of SummerQ&P is to provide quality assurance (QA) as a possible career path for high school youth (ages 18-24) who are unaware of the opportunity by allowing them to gain valuable work experience as summer interns at software companies.	Ages 18-24								New York, NY, San Francisco, CA, San Jose, CA, Austin, TX, Los Angeles, CA, Chicago, IL, Atlanta, GA, Washington, DC	Anneeth Chopra, Michael Benton		info@summertime.org		

	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
			The goal of Taste of Computing is to improve and expand computer science (CS) education at the high school level throughout the Chicago Public Schools system. The program is a year-long, inquiry-based course that will serve primarily as the introductory course for all tracks of the three-year CPSC Career and Technology Education (CTE) pathway. The program offered at 32 high schools. The course is likely to be offered also as a Mathematics elective and will be a great preparatory course for the new AP Computer Science Principles (APCS) being developed.															
Youth learning, teachers, workshops, online mentors, editors	Taste of Computing	http://tasteofcomputing.org/	An integral part of Taste of Computing is a comprehensive teacher training course that will include a week-long summer workshop, a series of 8 professional development mini-workshops spread throughout the following year, a mentored online community to support the teachers, and after-school planning and mentoring for the students to be delivered by teachers as part of service learning courses or student group efforts. The year-long training course will be administered through DePaul University. Professional Development and will carry 3 semester college credit hours	Teachers of computer science				College of Computing and Digital Media, DePaul University, 243 S. Wabash Avenue	Chicago	IL		Chicago, IL	Dr. Theresa Steinbach	tdsteinbach@cdm.depaul.edu				
Adult learning, online	Teaching Tree	http://www.teachingtree.co	Teaching Tree is an open platform that lets anybody organize educational content. The goal is for students to quickly access the exact clips they need in order to learn individual concepts. Everyone is encouraged to help by adding videos or tagging concepts.	Various skill levels	Self-paced		Computer science, programming, math					NA			whatsapp@teachingtree.co		2012	
Youth learning, online, teacher resources	TeachingKidsProgramming.org	http://teachingkidsprogramming.org/	Teaching Kids Programming is a non-profit organization of volunteer programmers and school teachers who have developed a framework designed specifically for teaching basic programming to children aged 10 and up. TKP is a designated project of the Mozilla Foundation.	Ages 10+	Self-paced	Free	Java, Kotlin, C#, Microsoft Smallbasic, T-SQL					NA	Lynn Langit, Llewellyn Falco		info@monafoundation.org		2009	
Adult learning, online, bootcamps, web development	TeaLeaf Academy	http://tealeaf.com/	Tea Leaf Academy helps you learn modern web development with Ruby on Rails as an alternative to JavaScript.	Various skill levels	4 weeks + 4 weeks + 8 weeks	Introduction to Ruby and Web Development: \$475 for 4 weeks (flexible hours) Build Production Quality Applications: \$1485 for 8 weeks (flexibility available)	Front-End, Ruby on Rails					NA			ron@tealeaf.com			
Adult learning, youth learning, teacher development, computer science	TEALS	http://tealsk12.org	TEALS (Technology Education And Literacy in Schools) (nonprofit pending) is a grassroots employee-driven program that recruits, mentors, and places high-tech professionals who are passionate about digital literacy and computer science education into high school classes as part-time teachers in a team-teaching model where the school district is unable to meet their students' Computer Science needs on its own. TEALS works with committed partner schools to eventually hand off the CS courses to the in-service teachers we train. We teach with so that the school will be able to maintain and grow a sustainable CS program on their own.	Ages 14-18, high school AP students			AP Computer Science, Intro to Computer Science							For 2013-14 school year, TEALS is partnered with 66 schools in 12 states (IL, DC, NY, UT, VA, WA, IN, AK, ND, MA, KY, NC).	Kevin Wang	kw@tealsk12.org		
Youth learning, campaign, education	Tech Corps	http://home.techcorps.org/	Tech Corps aims to challenge volunteers to help inspire & educate K-12 students about technology. The TEAL CORPS mission is to create a technologically literate society in which all K-12 students have access to the technology skills, programs and resources that will enrich their education and allow them to successfully compete in the global workforce.	K-12				112 Jefferson Ave. #3	Columbus	OH		43215	Columbus, OH		media@techcorps.org	(614) 565-9211	1995	
Youth learning, in-person, girls, network, middle school, workshops, mentoring, events, resources, summer camps	Tech Girls	http://www.techgirls.org/	Tech Girls is a non-profit organization dedicated to helping adolescent girls understand that a future in technology does not necessarily equate to a boring computer job, but instead transcends the cubic into nearly every field imaginable. The organization provides workshops on coding, technology, and entrepreneurship to middle school girls.	Middle school girls			Python, User Experience, Raspberry Pi, Mobile App development		Philadelphia	PA		Philadelphia, PA	Tracey Welton-Rossman	Founder	info@techgirls.org	(215) 695-1182	2010	
Youth learning, in-person, workshops	Tech Kids Unlimited	http://www.techkidsunlimited.org/	Tech Kids Unlimited (TKU) is a technology-based educational organization, for kids ages 7 to 18 with special needs, which empowers and inspires the next generation of digital natives to learn, create, develop and share the tools of technology. TKU teaches technology to kids who learn differently. They also expose special needs students to technology learning that they have not had in the classroom—including software like Photoshop, Illustrator, iMovie, Camitloged, gamasoft, Podcasting, computer programming languages, and digital composition through a series of technology workshops.	Ages 7-18	Varies	Fee per course		Tech Kids Unlimited 1000 ALLEY NYC 550 7th Avenue, Floor 17A	New York	NY		10018	New York, NY	beth@techkidsunlimited.org			2010	
Adult learning, youth learning, in-person, bootcamps, youth camps	Tech Talent South	http://www.techtalentsouth.com/	Tech Talent South offers full and part-time programs to give students a great foundation in high development. Students will learn Ruby on Rails, Domain Modeling, HTTP and RESTful Design, HTML/CSS, JavaScript and AJAX, and everything in between. Students eager to make a career change, start their own business, or make the world a better place through technology are great candidates for Tech Talent South's 8-week program. The organization also offers beginning game development and youth code camps.	Adults, youth ages 8-14	8 weeks	\$4250 part-time, \$6250 full-time	Ruby on Rails, Domain Modeling, HTTP, "RESTful" Design, HTML/CSS, JavaScript, AJAX, PHP					Atlanta, GA; Asheville, NC		info@techtalentsouth.com	(404) 491-8887			
Youth learning, in-person, girls, network, workshops, mentoring, events, tutorials, resources	Tech Girls	http://www.tech-girls.org/	Tech Girls is all about empowering girls to imagine and achieve their future dreams in our tech-savvy world. The organization is part gathering resources from around the world to help girls get connected to both programs & mentors, part community learning (helping together and part local program working directly with girls through workshops and events to inspire them to share their vision with the globally connected community.	Girls			Scratch, varies						Charlottesville, VA		cm@tech-girls.org		2012	
Adult learning, in-person, mentoring	TechCareersHQ	http://techcareershq.com/	Provides individualized, project-based, one-to-one learning from current software engineers to 5th grade who want to learn to program.	Various skill levels	Self-paced			621 Castro St.	San Francisco	CA		94114	San Francisco, CA					
Youth learning, in-person, robotics, programming, mobile, web development, chapter-based	Techies Camp (Program of Tech Corps)	http://home.techcorps.org/index.php?option=com_content&view=article&id=129&Itemid=129	Techies Camp is a full day, week-long program designed to engage elementary and middle school students in hands-on, interactive STEAM-related activities. Students take a deep dive into subject matter focused on Robotics, Programming, Android App or Web Development and emerge with skills that are useful in today's classroom and students' workforce.	Grades 3-8	Full day, week-long (approx. 40 hours)	Varies	App Inventor, Alice, Scratch, KompoZer	112 Jefferson Ave. #3	Columbus	OH		43215	Columbus, OH		media@techcorps.org	(614) 565-9211		
Youth learning, in-person, girls, summer camps	Techie Camp: Girl Power program (Program of Tech Corps)	http://home.techcorps.org/index.php?option=com_content&view=article&id=129&Itemid=129	TECH CORPS will offer girls Techies Camp: Girl Power program to give selected Ohio elementary school girls. This full day, week-long summer program is designed to engage students in hands-on, interactive STEAM-related activities. The girls will take a "deep dive" into subject matter focused on Programming and emerge with knowledge, concepts and skills that are useful in today's classroom and tomorrow's workforce. In addition to the technical aspects of the camp, the girls also participate in activities designed to build self-esteem, self-esteem and dispel the myth that only boys are engaged and successful in computing-related educational and career pathways. TECH CORPS will work directly with students participating in summer programs offered by the Girls Scouts of Ohio's Heartland, Heartland Columbus, and KIPP Central Ohio.	Central OH elementary school girls	1 week							Columbus, OH			media@techcorps.org	(614) 565-9211		
Youth learning, in-person, web development, 21st century skills, STEM, learning, social, media	Techies Club (Program of Tech Corps)	http://home.techcorps.org/index.php?option=com_content&view=article&id=129&Itemid=129	TECH CORPS will introduce 400+ hours of hands-on, interactive activities led directly to national technology standards for 3rd-6th grade students. The lessons focus on a variety of computing topics, such as Computer Programming, Web Development, Robotics, and more. The program also promotes 21st century skills and the girls will learn with an emphasis on technology-related STEAM-related careers. This program was created with support from the American Electric Power Foundation.	Grades 3-6	40+ hours of lessons and activities			112 Jefferson Ave. #3	Columbus	OH		43215	Columbus, OH		media@techcorps.org	(614) 565-9211		
Youth learning, girls, middle school, summer camps, App Inventor	Techies Girls	https://www.rcwd.org/programs/techie-girls-summer-camp-app-inventor	In Techies Girls, Crystal Health has designed a week-long summer camp to inspire in girls a love for computer science. The camp will provide a sampling of web design, programming, graphics, and game design using Storyline360, Alice, Scratch, and Code Academy. Crystal has a long history in coordinating programs and working with youth through Key Club and Model United Nations at the high school, as well as the City of Irvine Youth Action Team. She also designed and taught a website development program at a local Girls Inc. center.	Middle school girls			web design, programming, graphics, and game design using Storyline360, Alice, Scratch, and Code Academy		Irvine, CA					Donald Bren School of Information and Computer Sciences, drc@uci.edu	(949) 824-3074			
Youth learning, in-person, summer camps, animation, game development, workshops, robotics	TechKnowHow	http://www.techknowhowkids.com/	TechKnowHow offers fun and enriching Computer and LEGO® Summer Day Camps for students, ages 5-14, in the San Francisco Bay Area. Our Summer Camp classes include LEGO® projects with motors, NXT® Robotics, Electronics, Stop-Motion Animation, and Game Design. Classes feature high-interest, age-appropriate projects which teach technology and science skills.	Ages 5-14	week-long camps	Summer camps range \$160/week to \$385/week depending on class type	Girl (game/maker language)	TechKnowHow, Inc. 553 Pilgrim Drive, Suite D	Foster City	CA		94404	Foster City, CA	campinfo@techknowhowkids.com	(650) 638-0590	1994		
Youth learning, in-person, entrepreneurship	Innovation Challenge	http://innovatelearning.org/programs/techie-camp-innovation-challenge	Technovation Challenge (nonprofit) is a competition to offer girls the opportunity to learn how to start a company and become high-tech entrepreneurs; girls develop an app that solves a problem in their local community. Over 12 weeks, girls step through an entire curriculum that helps them develop a potential product and prepare a robust pitch presentation to solve it. The winning team will receive \$10,000 in funding and support to complete app development and release their app on the market.	High school girls	12 weeks	Free	App Inventor					National	Angella Tames	angella@innovatelearning.org		2009		
Youth learning, in-person, winter, spring, summer, camps, game development, LEGO, robotics, resources	TechPlayzone	http://www.techplayzone.com/	Technology Camps are offered during the Winter, Spring, and Summer Breaks for students in the Tampa Bay Area. Tech Camps feature innovative themes each season for students interested in Video Game Creation, Video Animation, and Digital Movie Making. Camp attendees use their creativity and imagination to create digital content, including video, animation, and digital art. Tech Playzone is a 501(c)(3) nonprofit organization, founded in 2008, that provides a safe and fun environment for children to learn and grow. Tech Playzone is a 501(c)(3) nonprofit organization, founded in 2008, that provides a safe and fun environment for children to learn and grow.	Youth		Varies		P.O. Box 1786	Valrico	FL		33596	Valrico, FL		techplayzone@gmail.com	(813) 864-7329	2005	
Adult learning, in-person, workforce development, web development, multimedia, mobile	TechSF	https://bayc.org/techsf/	TechSF is a 501(c)(3) nonprofit that promotes wider access to technology education for K-12 students in order to strengthen the skills they need to thrive in the global economy. The organization provides teacher training and student enrichment activities that incorporate computer science, information technology and engineering education in Oregon K-12 schools. TechSF is founded and supported by the Technology Association of Oregon and its members.	K-12		To qualify for free training, participants must be unemployed or be under-employed (freelancers welcome), be 18 years or older, and be able to work in the U.S. Applicants must have some prior programming experience (e.g. PHP, Java, JavaScript, Assembly, or even an older language like COBOL) plus basic HTML.	Various	222 NW Fifth Avenue, 3rd Floor	Portland	OR		97209	Portland, OR		info@techsf.org		2003	

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Adult learning, in-person, workforce development, bootcamp, underrepresented	Telegraph Academy	http://www.telegraphacademy.com/	Telegraph Academy is a software engineering accelerator for people of color. The curriculum is built in partnership with Hack Reactor, the leading software engineering school in the San Francisco Bay Area. Over the first 6 weeks you'll be introduced to industry leading technologies, concepts, and practices to prepare you with the skills to succeed in the current job market. You'll spend the latter half of the course building industry-grade applications. You'll work in a group setting, use test-driven development, and agile methodologies that you will use everyday as a Software Engineer. You'll assemble your portfolio and resume that shows companies you're ready to immediately join their team.	Adults of color	12 weeks - 6 day/week schedule from 9am-5pm	\$17,725 - All admitted applicants are guaranteed financial aid or a scholarship, and your financial situation is not an admissions factor. We offer a variety of financing options such as Pay-it-forward scholarships and full deferred plans. If you can cover your food and lodging for 13 weeks, you can afford Telegraph Academy.	Javascript		Oakland	CA		Oakland, CA	Albrey Brown	Co-founder	admissions@telegraphacademy.com		2015	
Youth learning, summer, camps, game development	Tera Byte Video Game Creation Camp	http://terabytegames.com/	Tera Byte Video Game Creation Camp teaches youth beginning and advanced game creation and JavaScript programming through summer camps. The c0d3d teaches an alternative of web and mobile app development via team exercises, utilizing immersive learning methods. The c0d3d app history is a combination of the best coding curriculum based in business development education, specifically geared towards assisting tech entrepreneurs. The first App Factory bootcamp has live-streaming and in-person training. Each participant of the bootcamp will develop an app business idea, create an iPhone and Android app, launch a responsive support website for the app, integrate an e-commerce and/or ad-based monetization model into the app, file a provisional patent for their app process, and develop materials to pitch their app business to customers and investors by the end of the course. The c0d3d recently added an apprenticeship program where folks from any background (marketing, law enforcement, legal, theater) select one of their 4 app companies. Once they pick an app, they begin to develop for it with a staff person. Apprentices get hands-on experience. There is no charge for the apprenticeship program. They pay with their time. For example, if they take 3 hours to learn programming, they commit 3 hours to help with whatever the company needs, both with outside of school.	Grades 3-8	4 days	\$399/week		4444 Clotter Rd.	Dallas	TX 75220		Dallas, TX	Jake Gistart	Camp Director	jake@terabytegames.com		2004	
Adult learning, in-person, bootcamps, workshops, web development, mobile, entrepreneurship, Black founder	The c0d3d	http://thec0d3d.com/	The c0d3d teaches an alternative of web and mobile app development via team exercises, utilizing immersive learning methods. The c0d3d app history is a combination of the best coding curriculum based in business development education, specifically geared towards assisting tech entrepreneurs. The first App Factory bootcamp has live-streaming and in-person training. Each participant of the bootcamp will develop an app business idea, create an iPhone and Android app, launch a responsive support website for the app, integrate an e-commerce and/or ad-based monetization model into the app, file a provisional patent for their app process, and develop materials to pitch their app business to customers and investors by the end of the course. The c0d3d recently added an apprenticeship program where folks from any background (marketing, law enforcement, legal, theater) select one of their 4 app companies. Once they pick an app, they begin to develop for it with a staff person. Apprentices get hands-on experience. There is no charge for the apprenticeship program. They pay with their time. For example, if they take 3 hours to learn programming, they commit 3 hours to help with whatever the company needs, both with outside of school.	No programming experience necessary.	3 months; For the upcoming bootcamps, we are offering 2 sessions, one for weekdays (Tues and Wednesday 6-9pm)	\$2,450	PHP, JS, HTML, Mobile, Full-stack	1120 Avenue of the Americas	New York	NY	10036	New York, NY	Mike De'Shazer & Vincenzo Chen	Co-founders	m@thec0d3d.com m@vinkedeshazer.com	(917) 524-0952		
Adult learning, in-person, bootcamps	The Destination	http://thedesination.org/	The Destination is a group of passionate designers who have come together to build a purely design-focused school. The program is a 10-week course in the city of Chicago, where you will learn all the fundamentals of digital design. The bootcamp involves weekly classroom sessions on Monday and Thursday, from 6:00 P.M. to 9:00 P.M. From research to coding, and from venturing to native mobile design. They've overhauled the curriculum with the goal of making you a full-stack designer by the end of the course.	Adults	10 weeks	\$4,200	Adobe Photoshop, Adobe Illustrator, User Experience, Designing Instructions, Design Strategy, Research, Usability, Visual Design, Typography, Branding, Product, Mobile Design, HTML, CSS, JavaScript, jQuery, Responsive Design					Chicago, IL	crew@thedesination.co					
Youth learning, in-person, workshops, robotics, pipeline, clubs, fellowship, mentors, internships, after-school, project-based learning	The Disruption Department	http://theadisruptiondepartment.org/	The Disruption Department is developing a pipeline for high-tech talent in St. Louis. The program is modeled on the professional baseball farm system (started right here in St. Louis, in which teams invest time, expertise, and money to develop future stars at their developmental levels. All students in St. Louis will have access to high-paying, fulfilling, and creative jobs, whether that be at the companies they go to work for or at the companies they launch on their own.	Ages 12-18, teachers			Arduino, HTML, Ruby	8114 Pennsylvania Ave.	St. Louis	MO	63111	St. Louis, MO	Gregory Hill	Co-founder & CEO	gregory@theadisruptiondepartment.org	(314) 467-0794	2011	
Youth learning, male, Black, high school, summer, workshops, Black founder, underrepresented	The Hidden Genius Project	http://www.thideengensproject.org/	The Hidden Genius Project (HGP) bootcamp provides back male youth in Oakland with the knowledge, skills, mentors and experience to obtain and create technological jobs in this new, global 21st century economy. HGP provides all pipeline's expert curriculum in Software Engineering, User Experience Design and Technology Entrepreneurship. There are also weekly learning sessions in the Fall and Spring.	Black males ages 11-17	8-week summer session, weekly gatherings during school year	Free		1790 Broadway	Oakland	CA	94612	Oakland, CA	Jason Young	Founder	contact@thideengensproject.org		2012	
Adult learning, online, bootcamps, web development	The Maker Square	http://themakersquare.com/	Maker Square is a 10-week immersive full-time web development training program located in Austin, TX training individuals with little to no programming experience to be entry level web developers. The program teaches you the full stack from Ruby on Rails to JavaScript to iOS, and much more. The program has a fast, Learn, Immerse, and Grow. You learn web development, you get immersed into the MakerSquare community and you grow through our career services. The program does not offer a part-time or weekends-only course.	Beginners	10 weeks, 50 plus hours per week	\$9,000 tuition; \$2,000 scholarship for women if agree to donate 10% minimum; 1, middle, and high school classrooms around the country to inspire the next generation of women in tech.	HTML 5, CSS3, JavaScript, Ruby on Rails, Agile, APIs, AJAX, etc.	716 Congress Ave	Austin	TX	78701	Austin, TX	Harsh Patel	Co-Founder, Education Architect	hello@themakersquare.com		2013	
Adult learning, online, mobile, certificate, entrepreneurship, web development, mobile, conference	The Next Web Academy	http://thenextwebacademy.com/	The Next Web Academy online and first classes - get in touch with the people who push the bar when it comes to innovation and get answers that matter to you. From online marketing and social media development to data science and machine learning. They all share their knowledge and experiences with you. After attending a course, you will receive a NWA Academy Certificate stating you successfully completed a course. After each online class a qualitative video recording of the presentation will be shared exclusively with you. The way you can watch it whenever you like. Future classes include entrepreneurship, web development, and data development.	Various skill levels	Self-paced	Fee-based courses	Various					Amsterdam, Netherlands	ana@thenwacademy.com				2012	
Adult learning, online, web development	The Web Academy	http://theweacademy.org/	The Web Academy is a 501(c)3 organization providing FREE online courses in web design to the community and low cost web development services to non-profit organizations and low income businesses. The Web Academy is 100% Science Learning. All online courses are taught with a live instructor. During class time, students are able to interact with our instructors and ask questions, just like being in an actual classroom. In addition to online training, The Web Academy provides web development services to those organizations that need it.	Non-profits, low-income businesses	Self-paced	fee-based courses	Web Development, Graphics Design, Database Administration, Web Analytics, Web System Administration, Web Project Management	330 Madison Ave	New York		10165	N/A	info@theweacademy.org			(866) 295-7820	2009	
Adult learning, The Women's Coding Collective (Formerly Coderaggy)	http://threw.co/	The Women's Coding Collective (Formerly Coderaggy) is a web development community with a mission to narrow the gender gap in technology by cultivating supportive, multi-skilled, multi-disciplinary environments where women can learn, build, and code together. The WCC provides online, collaborative web development courses for women. It was created by Web Start Women.	Various skill levels	Self-paced	Fee-based courses	HTML, CSS, SEO, JavaScript, jQuery, Wordpress, etc.						N/A	info@codaggy.com				2012	
Youth learning, adult learning, computer science, girls, women, open source, workshops	Thinkersmith	http://www.thinkersmith.com/	Thinkersmith (nonprofit) seeks to introduce all ages, races and genders to the fun, passionate and creative world of computer science and computational thinking. They aim specifically to increase equity in the computer sciences as they work to attract and retain girls, women and other non-traditional computer science students.	Ages 5 to 105		Fee-based courses		PO Box 2186	Eugene	OR	97404	Eugene, OR	info@thinkersmith.org			(541) 632-4595		
Adult learning, in-person, bootcamps, web development, project-based, mentors	Thinkful	http://www.thinkful.com/	Thinkful provides an online 12-week course in front-end web development and a 12-week course in Python. They offer personalized, project-based learning for true beginners and those with years of experience. They have a 90-day money-back guarantee.	Various skill levels	12 weeks	\$300 for web development; \$1500 for Python	HTML, CSS, JavaScript, jQuery, Git, Bash, Wireframing, Design (Illustrator, Photoshop)	22 W 21st St.	New York	NY	10010	New York, NY	Darrell Silver	Co-Founder and CEO	hello@thinkful.com	(858) 367-3232	2013	
Youth learning, in-person, workshops, summer, camps, mentorship, web development, game development, robotics	ThoughtSTEM	http://www.thoughtstem.com/	ThoughtSTEM gets kids excited about computer science and programming. At the moment, they do this in three ways: 1) offering weekly programming workshops in the UCI area, 2) providing 1-on-1 mentoring and education, and 3) providing mentorship to small teams of students. ThoughtSTEM also offers summer camps in web design, video game development, robotics, and other topics.	Ages 8-18	Full-time 3 week series in the summer	\$50/workshop - discounts available	HTML, JavaScript, jQuery, Java, Objective C					San Diego	CA	Sarah El	CTO/COO and Co-Founder at ThoughtSTEM	contact@thoughtstem.com	(619) 669-9430	2012
Adult learning, corporate	ThoughtWorks University	http://uon.thoughtworks.com/graduates	ThoughtWorks University is a completely new kind of software - both a state-of-the-art program and a new way of learning. It's designed for people with little work experience, and those moving into the world of software, but that's where the similarity ends. You don't have months of shadowing and being treated like you know nothing, you won't be expected to make coffee. Or fail. You will spend six weeks at TWU with ThoughtWorkers from all over the world, discovering the practices and principles that have made ThoughtWorks successful. You won't be lectured, you are working on a real project, building working software, from day one. By the end of the program you'll have 160 hours of real-world experience and a real job offer.	Folks interested in working at ThoughtWorks	6 weeks			200 E Randolph St 25th Floor	Chicago	IL	60601	India	info-u@thoughtworks.com			(312) 873-1000		
Youth learning, game, middle school, in-person, writer, camps, Asperger TDD	Toontalk	http://uon.thoughtworks.com/graduates	Toontalk is a completely new kind of software - both a state-of-the-art program and a new way of learning. It's designed for people with little work experience, and those moving into the world of software, but that's where the similarity ends. You don't have months of shadowing and being treated like you know nothing, you won't be expected to make coffee. Or fail. You will spend six weeks at TWU with ThoughtWorkers from all over the world, discovering the practices and principles that have made ThoughtWorks successful. You won't be lectured, you are working on a real project, building working software, from day one. By the end of the program you'll have 160 hours of real-world experience and a real job offer.	Youth, beginners	Self-paced	Free						N/A	Ken Kahn	KenKahn@ToonTalk.com				
Adult learning, in-person, UX	Tradecraft	http://www.tradecraftwd.com/	Tradecraft is a completely new kind of software - both a state-of-the-art program and a new way of learning. It's designed for people with little work experience, and those moving into the world of software, but that's where the similarity ends. You don't have months of shadowing and being treated like you know nothing, you won't be expected to make coffee. Or fail. You will spend six weeks at TWU with ThoughtWorkers from all over the world, discovering the practices and principles that have made ThoughtWorks successful. You won't be lectured, you are working on a real project, building working software, from day one. By the end of the program you'll have 160 hours of real-world experience and a real job offer.	Adults	12 weeks	\$12,000							San Francisco, CA					
Adult learning, online, IT	TrainSignal	http://www.trainignal.com/	New owned by Parallax, TrainSignal is a Chicago-based company that provides computer training for IT professionals.	Adults	Self-paced	\$49/month	Microsoft, vmware, CompTIA, CISCO, CITRIX	152 W. Center Ct.	Schaumburg	IL	60195	N/A	support@trainignal.com			(888) 229-5055	2002	
Adult learning, in-person, underrepresented, female, web development, mobile	Transcode9	http://transcoded.org/	Transcode9 hopes to deliver skills, gender-specific, or otherwise gender-varient folks computer programming and software engineering skills. The class is entirely free, and all the equipment you'll need to succeed at it will be provided.	Trans, genderqueer, and gender non-conforming folks	Two nights a week, 90 minutes each	Free	Python, basic Linux skills, software engineering methodology, and software design					San Francisco, CA	Naomi Seyler	Instructor	info@transcoded.org			
Adult learning, in-person, bootcamps, programming language, video game	Treeshouse	http://treeshouse.com/	The extensive Treeshouse library of step-by-step video courses and training exercises will give you a wide range of competitive, in-demand technology skills that will help you land your next dream job or build your startup idea.	Various skill levels	Self-paced	\$25/month for Silver plan; \$49/month for Gold plan; 2 month discount for yearly subscription	Web development, programming, android, iOS, design, etc.					N/A	help@treeshouse.com				2011	
Youth learning, girls, middle school, in-person, writer, camps, Asperger TDD	Troy High School Asperger Program	https://www.troy.org/programs/aspergerprogram/aspergerprograms	The Troy High School Asperger Program will unite four Aspirations in Creating a safe and secure environment to deliver a two-day winter break camp for middle school girls, using Alice and App Inventor. The goal of the program is to demonstrate to participants the power of computing through creatively measurable results, and a final product. The program has strong support from Troy High School teachers and administrators.	Middle school girls			Alice, App Inventor					Westminster, CA						
Adult learning, software engineering, programming language, video game	Try Ruby	http://tryruby.org/	Try Ruby is an online platform to let you try out Ruby programming language in the comfort of your browser.	Anyone		Free	Ruby					N/A						
Adult learning, in-person	Turing School of Software & Design	http://www.turing.io/	Turing School of Software & Design is a full-time seven-month commitment program of 10 full-time classes with a one-week internship between each. Each class has 20-28 students. A new group of students begins the program every seven weeks. The six-week classes include: TDD with Ruby, Ruby Web Applications with Sinatra & Rails, Professional Web Applications, High-Performance Applications with APIs and Services. Each class has a mid-point and final assessment. Students must pass the final assessment to move on. Students who fail a class can choose to roll back one cohort to repeat the class. Tution in the program buys credits for four classes, so a student repeating a class can choose to either receive a refund or transfer all credits to a new cohort. A student repeating a class can choose to either receive a refund or transfer all credits to a new cohort.	Students in the Turing program will learn TDD with Ruby, Ruby Web Applications with Sinatra & Rails, Professional Web Applications, and High-Performance Applications with APIs and Services.	7 months	Program tuition is \$17,500. Students may elect to defer a portion of their payment until after they are employed. The first monthly payment is due eight weeks after finishing the program.		Turing School of Software & Design 1510 Blake Street	Denver	CO	80202	Denver, CO	contact@turing.io			(303) 731-9117		

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded
Adult learning, bootcamp, in-person, mobile	TurnToTech	http://turntotech.org	TURNTO TECH's software training program based in New York City trains arms to produce well-rounded software engineers, not just programmers. Students in this bootcamp will spend their first six weeks mastering mobile development using iOS with Java back end on Amazon cloud. The second six weeks of the program is spent developing a real-world product of the students' choosing. During this time, the focus is on understanding end-to-end software development, including requirements management, system design, architecture, development, testing and versioning. When it comes to finding a job after graduation, TurnToTech has relationships with potential employers, hosts corporate and startup job fairs, and works to help students build their networks by hosting several tech events each week.	Make sure you find technology really interesting. Beyond that, a little exposure to some scripting language or JavaScript or any high school or college programming course is helpful. But we don't assume any prior knowledge of programming - we start from the very basics.	17 weeks	\$6,000	iOS development in Objective-C and development of Amazon based cloud services using Java	184 5th Avenue 4th Floor	New York	NY		10010 New York, NY	noel@turntotech.org			(212) 924-0324	2013
Youth learning, online	Turtle Academy	http://turtleacademy.com/	Turtle Academy contains a client side learning environment and a compiler for the Logo Programming language. The project enables to learn the Logo language and programming principles and can be used for programming Logo. The website's objective is to teach programming principles in a fun and easy way making programming an accessible complicity to every child in the world.	Youth		Free	Logo								support@turtleacademy.com		
Adult learning, corporate	Twitter University	https://twitter.com/TwU https://blog.twitter.com/2013/twiter-university-building-a-world-class-engineering-organization	As Twitter has scaled, so too has our engineering organization. To help our engineers grow, it's important for them to have access to world-class technical training, along with opportunities to learn the skills they've mastered. To that end, we're establishing Twitter University. Whilst predominantly for its own staff, in time Twitter University will open up to the masses and allow for anyone who would like to learn from the content to do so. To lead the program, we've acquired Marakana, a company dedicated to open source training.	Twitter staff			iOS Bootcamp, JVM Fundamentals, Distributed Systems, Scala School, and more.					San Francisco, CA					
Youth learning, software, app, online, platform, curriculum, school-based, summer, camp	TYnker	http://www.tynker.com/	TYnker is an easy-to-learn, user-friendly visual programming language designed for young learners grades 4th through 8th. TYnker is inspired by Scratch from MIT. It is a completely browser-based platform written using Open Web standards such as JavaScript, HTML5, CSS3 and does not use Flash. TYnker also provides an intro to Programming home study course that covers basic programming concepts including creating scenes, playing sounds, moving characters, conditionals and repetition, animation, handling keyboard and mouse events, pen drawing, collision detection, keeping score and more. The course also has a parent dashboard to help parents assist their kids through the program. TYnker also has a platform for schools (TYnker Scholastic) so teachers can teach programming.	Grades 4-8	Self-paced	\$50 Intro to Programming course	TYnker	201 San Antonio Circle #104	Mountain View	CA		94040 Mountain View, CA			info@tynker.com		2013
Youth learning, in-person	UCode	http://www.ucode.com	UCode teaches kids how to program. Ages 7-18 come to their centers twice a week and do programming work at home the other 5 days a week. UCode is about developing young minds and letting them figure out how to solve problems logically and creatively. Code is the most efficient, fun and rewarding way to do this while at the same time giving kids a truly valuable skill to use throughout their lives. UCode is a completely internet-based platform written using Open Web standards such as JavaScript, HTML5, CSS3 and does not use Flash. TYnker also provides an online programming course study course that covers basic programming concepts including creating scenes, playing sounds, moving characters, conditionals and repetition, animation, handling keyboard and mouse events, pen drawing, collision detection, keeping score and more. The course also has a parent dashboard to help parents assist their kids through the program. TYnker also has a platform for schools (TYnker Scholastic) so teachers can teach programming.	Ages 7-18	Self-paced	Month-to-Month Tutor, \$200; Yearly Tutor \$1800/month	UCode	180 Artesia Blvd	Hermosa Beach	CA		90254 Hermosa Beach, CA			info@ucode.com	(888) 888-8681	2012
Adult learning, online, certification, college credit	Udacity	https://www.udacity.com/	Udacity is an online learning company that provides courses on everything from programming to photography to design to yoga and more.	Various skill levels	Self-paced	Free; For-credit classes cost \$150	Business, computer science, design, math, science					N/A	Sebastian Thrun, Mike Soutsky	Co-Founder & CEO, Co-Founder & CTO	feedbackprogram@udacity.com		2011
Adult learning, online	Udemy	https://www.udemy.com/	Udemy is an online learning company that provides courses on everything from programming to photography to design to yoga and more.	Various skill levels	Self-paced	Fee per class	Various, including coding languages	425 2nd Street, Suite 290	San Francisco	CA		N/A	Iran Bak, Oktay Caglar	CEO & Cofounder, CPO & Cofounder			2010
Youth learning, in-person, computer, robotics, game development, mobile, AI, STEAM, block-buster	Uplift, Inc.	http://www.upliftinc.org	Uplift, Inc. guides K-12 students through innovative educational experiences in Science, Technology, Engineering, Art, Mathematics, and Computer Science (STEAM+CS). Teaching them to solve everyday problems as they advance toward making real world impact. Computer science classes focus on programming concepts, game design, artificial intelligence, computer graphics, web development, and physically building PCs.	PreK-12			Alize, Java, Mobile Apps, Scratch	PO Box 2773	Washington	DC		20013 Washington, DC	Leslie Hatley	Executive Director and Lead Instructor	studentinfo@upliftinc.org	(202) 713-0027	1999
Youth learning, boys, high school, summer, leadership development, web development, mobile, underrepresented	URBAN Teens xploring Technology	http://www.urbanutd.com	URBAN Teens xploring Technology (URBAN T xT) encourages every day teens to become catalysts of change in urban communities. The group's focus is to develop teens from South L.A. and Watts into a new generation of community and technology leaders. In small learning circles, youth learn research skills, public speaking, leadership and project management skills by using real world tools including analyzing needs, book reviewing, data analysis and time management. URBAN T xT also uses coding as a leadership development tool to prepare young men of color in the 11th grade for college and the world of work. In the summer programming academy, teens develop mobile & web apps to address community issues. URBAN T xT partners with the University of Southern California to provide the latest technology for students through their computer labs and facilities.	High school males in inner city communities	16 week summer programming academy			URBAN T xT FBO Community Partners, 1000 N. Alameda Street, Suite 240	Los Angeles	CA		90012 Los Angeles, CA	Juan Vasquez	juang@urbanutd.com			
Youth learning, in-person, game development, STEM, conventions, underrepresented, chapter-based	Urban Video Game Academy	http://www.uvga.org	Urban Video Game Academy (UVGA) seeks to better prepare students in disadvantaged areas for post-high school education and technology careers by teaching them the fundamentals of video game design and development. The mission has three basic components: to expose disadvantaged students to career opportunities in video game design and development, to educate them in how to create games, and to enhance learning in academic subjects such as math and writing, that are important in the video game development process.	Elementary			HTML, Java, JavaScript, Mobile apps (android), Python					Baltimore, MD; Washington, DC; Atlanta, GA			info@uvga.org	(240) 619-8842	
Adult learning, online, resources, UX	UX Apprentice	http://www.uxapprentice.com/	This site is designed to teach you the basics of user experience design with an easy process to follow and pointers for where to learn more.	Beginners	Self-paced	Free	N/A					N/A			uxapprentice@balsamiq.com		
Adult learning, in-person, women, network, web development	Web Start Women	http://www.webstartwomen.com/	Web Start Women is an organization devoted to encouraging women web programmers and creative. There's a gender gap in programming, and they aim to change the ratio by cultivating open, supportive, information-free environments where women and girls of all ages can learn, build, and code together.	Girls and women			CSS basics					Cambridge, MA			info@webstartwomen.com		2011
Adult learning, online, web development, multimedia	Webmonkey	http://www.webmonkey.com/tutorials/	Web.com's Webmonkey is an online resource for web developers. You'll find tutorials, tips and advice for designing and building websites and programming web applications. If full articles for beginners, professionals, students, grandparents, bloggers and programmers of all skill levels.	Various skill levels	Varies	Free	Ajax, HTML, CSS, APIs, JavaScript, Backend, Blog, Multimedia, UI/UX, etc.					N/A					
Youth learning, in-person, summer, camps, workshops, robotics, product design, project-based learning, certification	Wizbots	http://wizbots.com/	Wizbots is the #1 provider of Imaginering programs for Kids (grades 2-8) in the Bay Area. They serve kids of all levels, from novice to seasoned practitioner, in the art and science of engineering all year round.	Grades 2-8	Varies	Fee per course	Robotics	233 Highland Avenue	San Carlos	CA		94070 Mountain View, CA			info@wizbots.com		2010
Adult learning, women, network, events	Women Who Code	https://www.facebook.com/womenwhocode http://www.meetup.com/WomenWhoCode367	Women Who Code is a network for women who code in any framework, any level of experience, any size of company, or who just code for fun. The group meets weekly for technical study groups and monthly for longer format events including tech talks, career training, and hack nights. Current and aspiring coders are welcome. There are various chapters across the nation and internationally.	Women	weekly meetings							San Francisco, CA; Austin, TX; Atlanta, GA; Boulder, CO; Denver, CO; San Antonio, TX; Reno-Tahoe, Nevada			womenwhocode@gmail.com		2011
Youth learning, girls, women, in-person, camp, game development, mobile, web development	Women's Technology Empowerment Center, W.TEC	http://www.wteconline.org	The Women's Technology Empowerment Centre, W.TEC, is a Nigerian non-governmental organization working to empower girls and women socially and economically using information and communication technologies (ICTs). WTECcamp is dedicated to building the minds of the future. The goal every week of camp is to create an unforgettable experience for every camper and lead them to discover the fascinating world of Computers & Technology through innovative projects, fun activities, and customized lesson plans so they can become the next big thing.	Middle & high school girls, university women	2 weeks	N 50,000 per student (Covers tuition, feeding, boarding, and accommodations. Some scholarships available.)	Various	Web Design, Introduction to Programming using Scratch	Lagos		Nigeria	Oreoluwa Somolu	info@wteconline.org				2008
Youth learning, in-person, camp, game development, mobile, web development	Wonder Space Tech Camp	http://www.wetspacecamp.org/	Wonder Space Tech Camp is a workshop for young women to learn about technology and its role in the future. The camp is designed to provide a safe and supportive environment for girls to explore their interests in technology and to develop their skills in programming, robotics, and game design. The camp is open to girls of all ages and backgrounds, and it is a great opportunity for them to learn from experts in the field and to work on projects that will challenge them and inspire them to pursue careers in technology.	Youth	Varies	Fee per course	Various	2900 Westdayan, Suite 545	Houston	TX		77057 The Woodlands, TX; Austin, TX; Dallas, TX; Chicago, IL; Washington, DC	Wendy@wonder-space.com			(877) 872-2671	2002
Youth learning, competition	World Wide Workshop	http://www.worldwideworkshop.org/	World Wide Workshop provides opportunities for learning with technology that combine game mechanics and social networking to empower youth to be investors and leaders in the global knowledge economy. Their programs transform education by connecting youth to learning, community engagement and economic development through game production. The company created (Goswami, World Wide Workshop) is committed to improving quality education opportunities for all youth in USA and the world through Broadband Learning. They work with forward-thinking leaders, corporations, school systems, universities, and research centers to enrich existing formal and non-formal education systems with the latest technology and innovative learning opportunities.	Youth				113 W 78th St, Suite 3	New York	NY		10024 New York, NY	Amber Oliver	info@worldwideworkshop.org		(646) 896-9187	
Youth learning, in-person, network, events, mentors	Young Rewired State	http://youngrewiredstate.org	Young Rewired State is a network of software developers and designers ages 18 and under. Its primary focus is to find and foster the young children and teenagers who are driven to learning themselves how to code and how to program the world around them. It is the philanthropic arm of Rewired State. Their tech codes events.	18 & younger		Free, bring your laptop			UK			London, UK; San Francisco, CA; New York, NY; Germany, South Africa	ys@youngrewiredstate.org	info@youngrewiredstate.org			2008
Youth learning, after-school, software development, mobile, underrepresented	Youth APPLab	http://www.youthapplab.org	Youth APPLab provides expert or customize high school students with after-school training in software design and mobile application development, while guiding them toward the creation of their own Android Apps. This project presents participants with opportunities to explore computer science, examine cutting-edge technology, innovate, problem solve, communicate, and express themselves. Participants represent the diverse populations not substantially present in computer science careers today (African-American and Hispanic males and females). This effort was inspired in part by the National Science Foundation's Broadening Participation in Computing campaign.	Underrepresented high school students			Alize, Scratch, App Inventor, Java, Product Development, Team Work / Collaboration, Presentation Skills					Washington, DC			studysystem@youthlab.org		
Youth learning, online, game development, mobile	Youth Digital Studio	http://www.youthdigital.org/	Youth Digital Studio provides online classes in game design and app design.	Ages 8-14		\$199-\$249 per course	C++, HTML, Java, Mobile Apps, PHP	6316 New Hope Commons Drive	Durham	NC		27707 Durham, NC	Justin Richards	Director	info@youthdigital.com	(919) 766-0691	2010

Keywords	Organization Name	Website	Mission/Description	Population Focus	Time Commitment	Cost	Languages/Courses	Address	City	State	Zip	Locations	Leadership/Contact	Title	Email	Phone Number	When Founded	
Youth learning, in-person, entrepreneurship, software development, web development, mobile, underrepresented, Zambia, Black founders	Zamize	http://www.zamize.org	Zamize empowers youth to become creators of technology through lab-based integrative computational experiences that focus on exposure, education, and entrepreneurship. Zamize accelerates the work of local organizations in the African country of Zambia to ensure diverse participation in the new technology economy. Providing hands-on training in software development and electronics is a key goal for this initiative. Participants will be taught fundamental web development skills. They will learn based on proven models created to teach high school aged students HTML, CSS, and Javascript -- basic web development languages. Participants will also be taught how to create mobile applications that help their communities and can be monetized to generate revenue.	Youth			HTML, CSS, JavaScript					Zambia	Joy Bulamwani	Executive Director	contact@zamize.org		2011	
Adult learning, in-person, bootcamp	Zipfian Academy	http://zipfianacademy.com/	Zipfian is an intensive, 12-week program in San Francisco, CA, that aims to graduate proficient data scientists. The curriculum has been crafted by practitioners in the field and is centered around the project and team-based applications. The full curriculum covers software engineering, machine learning, statistics and probability, utilize shell/UNIX, data at scale, and then how to acquire, store, transform, and visualize that data. Zipfian promises an intimate class size (only 15 students are admitted per cohort), mentorship from instructors and industry experts, high-quality datasets, individual and group projects, and a hiring day at the end of the program to match graduates with premier tech companies. In addition to the 12-week intensive course, Zipfian also offers an online Intro to Data Science Class Series that includes six 1-hour lectures, class exercises to provide hands-on practice, and access to an online Q&A forum where professors can answer students' questions.	Anyone	12 weeks	\$18,000	software engineering, machine learning, statistics and probability, shell, shell/UNIX, data at scale, and then how to acquire, store, transform, and visualize that data	863 Sutter Street	San Francisco	CA			San Francisco, CA			hello@zipfianacademy.com		2013

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Keyword	Definition
Bootcamp	Intense program that prepares participant for at least an entry-level developer position
Certification	Programs that have some type of certification program, badge system, or belt system to identify skill development progress
Corporation	Program either provides training to corporations or on behalf of a specific corporation
MOOC	massively open online course
Chapter-based	
Network	
Hackathon	An event where individuals collaborate in a short and intense time period (typically 24 to 72 hours) to build a mobile or web application