

Education	Case Western Reserve University – Cleveland, OH <i>B.S., Computer Science</i> August 2012 – January 2017 (expected)	Stuyvesant High School – New York, NY <i>High school diploma</i> September 2008 – June 2012
Projects	A Year Of. (in progress) <ul style="list-style-type: none">A social good iOS app for philanthropy and a better educated global citizenry	Aug 2015 – present <i>Developer and Designer</i>
	It Takes A Village lucykthan.github.io/ItTakesAVillage <ul style="list-style-type: none">A therapeutic game built in Unity3D for parents with postpartum depression	Jan 2015 – May 2015 <i>Developer and Designer</i>
Coursework	<i>Computer Sci.</i>	Matlab, Java, Data Structures, Theoretical Computer Science, Computer Organization Logic Design, Game Design and Implementation
	<i>Mathematics</i>	Calculus I & II for Engineers, Logic, Multivariate Calculus, Differential Equations, Statistics for Engineering and Science, Discrete Mathematics
	<i>In Progress</i>	Algorithms, Computer Networks, Operating Systems and Concurrent Programming, Database Systems, Software Engineering
	<i>Additional</i>	Systems Thinking, Professional Communications, Philosophy, Science and Religion, Bioethics, Memory Illusions, Psychology of Faces, Chemistry of Materials, Organic Chemistry, Polymer Science, Statics and Strength of Materials, Physiology and Biophysics I & II
Relevant Skills	<i>Primary</i>	Java
	<i>Proficient</i>	Matlab, LaTeX, Git, C#, HTML/CSS, JavaScript, Unity3D, Origin, ImageJ
	<i>In Progress</i>	C, Python, Linux/UNIX, SQL, Laravel PHP
Experience	Tech Corps Cleveland, OH <ul style="list-style-type: none">Give weekly lessons to a class of twenty 3rd-6th graders based on national CSTA Computer Science standards, covering topics such as computer programming, hardware, and web development	Sep 2015 – present <i>Instructor</i>
	Alsberg Stem Cell and Engineered Novel Therapeutics Lab Case Western Reserve University – Cleveland, OH <ul style="list-style-type: none">Prepared and conducted experiments towards a project on controlled growth factor release via microspheres in 3D cell culture for vascularized bone tissue engineeringTroubleshoot new protocols and analyzed resultsAttended weekly lab group meetings and presented biweekly project reports	Sep 2013 – Aug 2014 <i>Research Assistant</i>

	Experimental Pathology Lab in the Dept of Pathology Case Western Reserve University – Cleveland, OH <ul style="list-style-type: none"> Genotyped, bred, and maintained over 50 different mice strains and a total of over 800 mice at any given time to be used in immunology experiments at the Animal Resource Center Extensive use of organizational skills and oversight of a large mice database 	Sep 2012 – May 2013 <i>Research Assistant</i>
	Biomechanics and Mechanotransduction Laboratory Columbia University – New York, NY <ul style="list-style-type: none"> Designed and conducted an independent research project on the effects of mobile phone radiation on human keratinocyte migration <i>in vitro</i> Received the Intel Science Talent Search (formerly known as Westinghouse) 2012 semi-finalist award 	Mar 2011 – Dec 2011 <i>Research Assistant</i>
Activities	Women in Science and Engineering Roundtable (WISER) Organization within CWRU <ul style="list-style-type: none"> Mentor first-year female undergraduates in STEM fields Volunteer at outreach activities for K-12 girls to participate in STEM 	Sep 2014 – present <i>Mentor and Member</i>
	Case Emergency Medical Services (EMS) Organization within CWRU <ul style="list-style-type: none"> Delivered emergency health services to campus community with EMT-Bs Measured blood pressure, blood glucose, heart/respiratory rate of patients Transported patients to University Hospital or Cleveland Clinic 	Sep 2012 – May 2014 <i>Shift Officer</i>
	CWRU Fencing Club Organization within CWRU <ul style="list-style-type: none"> Participated in weekly practices and attended local competitive tournaments 	Sep 2012 – May 2013 <i>Foil Fencer</i>
	High 5 Teen Reviewers and Critics Program An initiative for the arts and humanities <ul style="list-style-type: none"> Attended weekly writing workshops and NYC dance performances Wrote and revised reviews and critiques on dance performances 	Mar 2012 – June 2012 <i>Dance performance critic</i>
	Girls Write Now A program and initiative for professional women writers <ul style="list-style-type: none"> Performed two readings of original written pieces to audiences of over 100 people Attended weekly meetings and writing workshops with professional women writers on expository writing, the short story, the novel, and various literary genres 	Sep 2010 – May 2012 <i>Mentee</i>
Awards	CWRU Alumni Association Junior/Senior Scholarship CWRU University Scholarship Intel Science Talent Search Semifinalist Random House Creative Writing – Honorable Mention for Poetry Scholastics Art & Writing Awards – Gold Key for Writing Portfolio Scholastics Art & Writing Awards – Silver Key for Poetry Scholastics Art & Writing Awards – Silver Key for Poetry Published in CALIPER (Stuyvesant High School literary magazine) Published in Girls Write Now Anthology	Sep 2014 – present Sep 2012 – present 2012 2012 2012 2012 2011 2011 2011, 2012
Foreign Languages	Mandarin Chinese (fluent) Spanish (proficient)	