

Connor A. Yamada

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Education

University of Vermont, College of Engineering and Mathematics – Burlington, VT

B.S. in Electrical Engineering | Expected May 2015

Minor in Mathematics | December 2012

Minor in Computer Science | Expected May 2014

Work Experience

JWT – New York, NY

Creative Technologist

June 2012 – August 2012

- Designed and prototyped several internal and creative technology ideas for live, retail, and outdoor installations to potential point of sale.
- Completed a build of proof-of-concept motion activated Tweet device for City Parks Foundation
- Attended bi-weekly presentations and information sessions that provided an immersive experience of each department at the agency
- Interfaced and networked with professionals and interns from departments across the agency and WPP group

Launch Math – New York, NY

Program Developer/ Consultant

June 2010 – Present

- Designed three weeklong robotics courses for children 14 and under. Designed activities for an 18-week after-school program. Both programs used Arduino microcontrollers and commercially available third-party hardware, as opposed to premade Lego Mindstorms and Vex kits prevalent in other camps
- Designed multiple after school programs in civil engineering, environmental engineering, and architecture
- Worked closely with the program director/owner to develop activities, price points, a timeline, and form a course through which the program could evolve over time
- Year-round consult for owner to ensure camp programs and projects use relevant concepts on the latest platforms
- Worked closely with counselors to introduce them to new material. Developed guidebooks with in-depth explanations for future staff

Camp Counselor

June 2009 – December 2011

- Worked with, and mentored campers in rocket science, electronics, video game/programming, and math

Leadership Experience

Salle Catamount – University of Vermont | Burlington, VT

Men's Epee Team Captain

September 2011 – Present

- Lead Men's Epee team through practices and tournaments
- A-Strip starter
- C12 Epee Rated USFA fencer

Hunter Robotics – Hunter College High School | New York, NY

President/ Founder

September 2009 – May 2011

- Founder of Hunter's first robotics/ microcontroller club
- Founder and president of Hunter's FRC (First Robotics Competition) robotics team
- Worked closely with advisors to secure multiple corporate mentors and sponsorships. Developed close relationships with members of AllianceBernstein, with our team being headquartered in their 51st street building
- Worked closely with team members to foster a strong sense of community. Provided leadership and mentoring, enabling the team to continue on to their third successful year after my graduation
- Mentored a second First Lego League team (FLL) for younger students in grades 7-9
- Organized in-school fundraisers, and created social media for the team

Proficiencies

Languages:

HTML5/CSS3, Wiring, C, Java, Python, Processing, PHP

Development Platforms:

Android, Arduino, PICAXE, Raspberry Pi

Development Environments:

Dreamweaver, After Effects, Photoshop, Lightroom, Illustrator, Excel, Eagle CAD, WordPress, Solidworks, MATLAB, Arduino, Git,

Awards and Achievements

- 2nd place in annual Bronx-Manhattan-Westchester regional Balsa Wood Bridge Competition (2010)
- 42nd place in annual International Balsa Wood Bridge Competition (2010)