

EDUCATION

Olin College of Engineering

Bachelor of Science in Electrical and Computer Engineering
Concentration: Human Decision Making
GPA: 3.71 · Dec. 2015

4.0 Schools: Essentials Fellow 2017

Fellowship for formulating and piloting an idea in education

SKILLS

LANGUAGES: Python, Java, Javascript, PHP, Objective C

APIS AND TOOLS: Node, MongoDB, git, Arduino, Xcode, AWS, Gravit, Laser Cutter, Vinyl Cutter

PERSONAL: Strategic Planning, Leadership, Creative Thinking, Curriculum Development, Ideation, Event Planning, Self-Teaching, User Interviews, Written and Oral Communication

EMPLOYMENT

LAUNCH STUDIO · 2016-2017 · Co-Founder · LaunchStudio.org

Oakland, CA

- Co-founded a non-profit developing STEM curricula for Title I schools that combine entrepreneurship, design and engineering.
- Our classes give students the opportunity to connect their work to real-world results by starting a business and fabricating products.
- **Leadership:** Developed long-term vision, sought out and formed partnerships with established non-profits, and negotiated contracts.
- **Design:** Developed curricula and prototyped classes with over 400 students at 4 schools.
- **Technical:** Set up website and ran a campaign to raise money for the program, including a story-sharing campaign on social media.
- **Recognition:** Accepted to 4.0 School's 2017 Essentials Fellowship and Gray Area 2017 Incubator.

CYPHYWORKS · 2016 · Software Development Intern

Danvers, MA

- Working Python and AWS, developed software to organize raw data from drones into relevant, useful formats.
- Main contribution was generating summaries of flights to give users a flight snapshot without needing to access the raw data.

MUSEUM OF SCIENCE · 2015 · Activity Designer and Program Presenter

Boston, MA

- Facilitated and developed design challenges and engineering activities to help visitors experience the engineering process.
- Assessed the educational opportunities of different robots and designed a museum curriculum for the KIBO robot.

FACEBOOK · 2014 · Software Development Intern

Menlo Park, CA

- Assisted Privacy Product Team in planning and prioritizing projects.
- Worked in PHP and Javascript to develop an educational experience on friending privacy settings for users on mobile browsers.

HELPAROUND · 2013 · Software Development Intern

Tel Aviv, Israel

- Helped design and build a service that allows diabetics to crowdsource help requests from people around them.
- Developed a tool to find and engage potential users using the Twitter API.
- Assisted company in pivoting the product towards the diabetic community and developing a user acquisition strategy.

PROJECTS

GOODROBIT CONSULTING · 2013-2017

Led 3 consulting projects that included scoping project, defining metrics, managing budget, and ensuring client satisfaction.

- **Mission Space:** Designed and launched a custom weather balloon to the stratosphere as part of a marketing initiative for Lux Dental.
- **Project Blow:** Assembled and managed a team with diverse background to develop a scalable method of automating handwriting.
- **Hunnewell Coding Project:** Developed K-6 experiences that helped deepen student's understanding of computer engineering.

COMMUNITY DEVELOPMENT IN CLARKSDALE, MS · FALL 2015

- Ongoing Olin team project with the goal of helping citizens empower themselves and gain 21st century skills.
- Through interviews and co-designs, we engaged community leaders, active citizens, and students to envision potential learning space.

CONNECTED AGING · CAPSTONE PROJECT · CARE.COM · 2014-2015

- Working with Care.com, built an app that facilitates family communication to allow seniors to age-in-place with a higher quality of life.
- Interviewed and co-designed with dozens of seniors, families, caregivers, and senior care experts.

USER-ORIENTED COLLABORATIVE DESIGN · SPRING 2013

- As product manager, explored needs and values of parents with blind children through research and interviews, identified opportunities for products and designed a virtual reality blindness experience to show people how a blind child can function normally.

OLIN SOCIAL PROJECTS · 2011-2015

- Redesigned club system to be streamlined and received a \$2k Innovation Grant to enhance collaboration between campuses.
- Organized service opportunities and ran two most successful charity auctions in Olin history raising over \$22k.