logan **sweet**

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✚ education

Olin College of Engineering
BS, Electrical Engineering GPA: 3.57, 2018

Harvard Business School HBX CORe
Course on fundamental business practices. Topics included business analytics, financial accounting, and economics for managers, 2015

Tufts University
Gap Year, School of Engineering, 2014

✚ skills

technical: Arduino, MATLAB, SolidWorks, LTSpice, LaTeX, Adobe InDesign & Illustrator, Python, Jira, Laser Cutting, ShopBot (CNC router), Manual Mill
leadership: Rapid Prototyping, Product Management, User-Centered Design, Lean Product Development, Agile Scrum Methodologies

✚ projects

SUITable   Jun 2016 to Aug 2016
Worked on a team of four to create an adaptive jacket for a quadriplegic client. The final product had push-pockets and adjustable concealed ventilation flaps for temperature regulation that allow the client to adjust his clothing without help throughout the day.

ASL Glove   Oct 2015 to Dec 2015
Worked with three other students to design and fabricate a glove that interprets American Sign Language Fingerspelling and outputs translated text to a phone using flex sensors, an accelerometer, and an Arduino. Published final design and code publicly so that others can replicate our design.

Mobile Planters   Jun 2015 to Jul 2015
Worked alongside professional research, design, and fabrication consultants Work-Shop RI to design and fabricate a set of modular, mobile planters. Focused on multiple use-cases and repeatable patterns to create a variety of arrangement opportunities for different spaces in the library.

✚ employment experience

Olin College of Engineering   Needham, MA
Principles of Engineering Course Assistant
Sep 2016 to Dec 2016

Assisted the teaching team in a project-based course. Responsibilities included providing feedback for student projects and lab assignments, guiding project and team development, holding weekly and by-appointment office hours, answering questions about hardware and software, and grading.

MIT Open Style Lab   Cambridge, MA
Summer Fellow
Jun 2016 to Aug 2016

One of twelve fellows selected internationally to work on a team with fashion designers and occupational therapists to create a customized jacket for a quadriplegic client. Focused on usability for the client's physical ability and fabric testing for heat retention and moisture wicking.

Museum of Science   Boston, MA
Technical Studio Intern
Jun 2016 to Aug 2016

Engaged students of all ages, especially those underrepresented in STEM, in engineering challenges. Created and facilitated engineering design challenges for museum visitors.

Phone2Action   Washington DC
Product Management Intern
Feb 2016 to May 2016

Worked with the engineering, customer success, and sales teams to increase communication and streamline the monthly release schedule. Created documentation of new feature requirements, and facilitated feedback about new products. Made user-centric changes to UI and UX of the platform, including creating a style guide. Assisted the engineering team with the design of new features and conducted client trainings.

Olin College of Engineering Library   Needham, MA
Summer Intern
Jun 2015 to Aug 2015

Worked on a team of nine students, alumni, faculty, and staff to change the culture and use of the Olin College library. Designed, prototyped, fabricated, and implemented ideas using an agile development strategy.

Vanderbilt University   Nashville, TN
Lab Assistant
Jun 2012 to Aug 2012

Graphene synthesis and nanocarbon properties studies under principal investigator Dr. Yaqiong Xu. Synthesized and analyzed graphene samples and prepared a poster presentation.