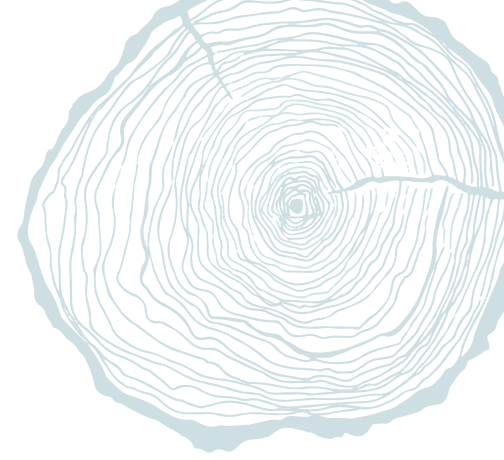


IZZY JADE HARRISON

izzy@students.olin.edu | 831-332-1159



EDUCATION

Olin College of Engineering - Needham, Ma *May 2019*

Candidate for Bachelor of Science in Engineering

Key Courses: Design Nature, Mechanical Prototyping, Products and Markets, Principles of Engineering, Quantitative Engineering Analysis

Gap Year *Dec. 2014 - July 2015*

- + Spent 2 months working on a political campaign
- + Spent 3 months alone in New Zealand, volunteering on organic farms and backpacking
- + Spent 2 months hiking 900 miles of the Pacific Crest Trail from the Mexico Border to Yosemite

EXPERIENCE

Olin College - Machine Shop Teaching Assistant *September 2016-*

Laser Cutting NINJA

- + Co-manage the Machine shop's laser cutters and fulfill work-orders
- + Make improvements to the space and signage
- + Train other students to use the cutters

Olin College - OWL (Olin Workshop on the Library) *January 2016 -*

OWL Student Worker

- + Working to continue the total transformation of the Olin library into an innovative space for resources, learning and creating
- + Projects such as redesigning the tool display using CNC routed kerf and peg

QEA Classroom Redesign *June 2016 - Aug. 2016*

Summer Researcher

- + Spent 8 weeks with a partner redesigning the space of a curricular experiment,
- + Went through the design process, keeping the user interactions in mind and interviewing students and professors
- + Projects such as welding tables and sourcing furniture

Santa Cruz Institute of Particle Physics *July 2012 - Aug. 2012*

Summer intern

- + Designed and built Muon telescope with a partner and conducted an experiment about the Flux of Muons
- + Work published in scientific journal

SKILLS

Software:

- + Illustrator
- + Solidworks
- + Matlab
- + HTML5/CSS
- + Arduino C
- + Final Cut

Other:

- + Mig Welding
- + Mill & Lathe
- + Woodshop
- + Knitting
- + Sewing

LEADERSHIP

- + Co-Capt. of Tri-college Climbing Team
- + Honor Board Representative
- + GrOW Leadership Team
- + Outings Club Leadership Team
- + Brown Enviro. Leadership Lab

design. sustainability. adventure.