

Priya Misner

• Phone: 650-283-8181 • E-Mail: Priya.Misner@tufts.edu • Website: priyamisner.com

Education

Tufts University

August 2016 – May 2020

B.S. Mechanical Engineering (3.57)

Relevant Coursework: Intro to Computer Science (*C++*), Web Design (*HTML and CSS*), Data Visualization

Experience

Dolby Laboratories

Hardware QA Intern

May 2017- August 2017

- Designed and implemented tests to determine network and Bluetooth limitations of the device using iPerf and other network performance software for the Consumer Electronics team at Dolby
- Programmed Arduinos and worked in python to implement a fan servo to control the heating and cooling systems of the device

Student Teacher Outreach Mentorship Program (STOMP)

Teaching Fellow

January 2017- present

- Create and implement a full engineering curriculum for an elementary classroom of 15-25 students over the course of a year; design engineering challenges using simple machines to introduce students to engineering
- Assist in the running and setting up workshops at the Center for Engineering Education Outreach at Tufts that focus on teaching technology like Scratch, Scratch Jr, Squishy Circuits and Lego Mindstorms

NASA Ames Research Center

Research Intern

August 2015- May 2016

- Collected data to create a water and carbon budget comparing native and non-native landscapes using a variety of tools (CO₂ Flux Chamber, Soil Porometer, Leaf Spectrometer) to gather data.
- Wrote a scientific paper on my findings and presented my research to my high school as part of the Science Research Projects program.

Innovate! Entrepreneurship Class

Class Coordinator

June 2015-December 2016

- Received funding from the City of Palo Alto for an 8-week entrepreneurship class connecting start-ups with students.
- Developed a curriculum based on current research on teaching entrepreneurship and the Lean Launchpad philosophy
- Recruited 3 start-ups to participate in the class and hired a University of Santa Clara graduate to teach the class.

Relevant Coursework

Web Programming (Spring 2018): intro to web programming

JavaScript, jQuery, Node.js, MongoDB

Web Design (Fall 2017): responsive design

HTML and CSS

Data Visualization (Fall 2017): theory of information design

Adobe Creative Suite, Tableau

Intro to Computer Science (Spring 2017): intro to programming

C++

Mechanics and Statics: introduction to in statics and dynamics.

Intro to Electrical Systems: fundamental laws of circuits

Matlab

Extracurricular

Tufts Engima (Data Viz Magazine)– Programmer; work with data visualization libraries of python to graph textbook exchange statistics

Currents Magazine- Layout Designer; design and format all the layout for the tri-annual arts magazine at Tufts