

PRIYA MISNER

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■ EDUCATION

Tufts University, School of Engineering *Aug 2016 - May 2020*
B.S in Mechanical Engineering, 3.57

■ EXPERIENCE

INTERN February 2018 - present
Autonomous Marine Systems

- Design and code dashboard to display and analyze data coming off the drone's sensors
- Dimension and adjust CAD model to send to fabricators
- Repair broken components and help with the drone's maintenance in the machine shop

TEACHING FELLOW January 2017 - present

Tufts Center for Engineering Education Outreach

- Create and teach a full engineering curriculum to 15-25 elementary students over the course of a year
- Ran and set up workshops that focus on teaching technology like Scratch, Scratch Jr, Squishy Circuits and Lego Mindstorms

HARDWARE QA INTERN May - Aug 2017

Dolby Laboratories

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

RESEARCH INTERN August 2015 - May 2016

Nasa Ames Research Center

- Collected data to create a water and carbon budget comparing native and non-native landscapes
- Wrote a scientific paper on my findings and presented research to high school as part of the Science Research

■ RELEVANT COURSEWORK

Applied Mechanics - Strength	Mechanics and Statics
Data Visualization	Mechanical Design and Fabrication
Differential Equations	Thermodynamics
Intro to Computer Science	Web Programming
Intro to Electrical Systems	Web Design

■ SKILLS

HTML
CSS
C++
Python
Solidworks
Onshape
Illustrator
Photoshop
InDesign

■ HONORS

Opening Speaker

China's Entrepreneur
Conference Youth
Forum

Girl Scout Silver Award

Highest Award for Girl
Scout Cadettes

**President's Volunteer
Service Award**

National Volunteering
Award

Dean's List

Spring 2017, Fall 2017

■ ACTIVITIES

Currents

Tufts' Arts Magazine

Enigma

Tufts' Data Visualization
Magazine

AMPT

Association of
Multiracial People at
Tufts