

Education

Massachusetts Institute of Technology (MIT) **Cambridge, MA**

- B.S. in Mechanical Engineering, Electrical Engineering and Computer Science June 2018
- Relevant Coursework: Design and Manufacturing, Software Construction, Intro to Robotics, Robotics: Science and Systems, Artificial Intelligence, Product Engineering Processes, Cognitive Robotics

Work Experience

General Motors **Milford, MI**

Transmission Calibration Engineer July 2018 - Present

- Calibrated transmissions to satisfy physical and customer requirements.
- Tested calibrations to ensure drive quality met customer expectations.
- Coordinated with engine calibrators and software developers to implement complex changes.
- Addressed customer concerns with rolling changes through a program's duration.

Northrop Grumman Corporation **Manhattan Beach, CA**

Product Engineering Intern May 2017 - August 2017

- Generated CAD models using best practice standards for a part library used by the entire department.
- Created test assemblies and drawings for Wafer Level Packaging research and development.
- Coordinated with manufacturing engineers to design and produce Cu-Diamond heat spreaders.

Projects

Tatchi **Cambridge, MA**

System Integrator (Team Leader) September 2017 – December 2017

- Led team of 17 students in the creation of a product from ideation to alpha prototype.
- Created project timeline, product roadmap, and project sub-teams to ensure maximum efficiency
- Determined product specifications and coordinated with class staff and contractors to address stakeholder concerns.

Autonomous Mini Racecar **Cambridge, MA**

Team Leader and Software Engineer February 2017 – May 2017

- Led team of six students with diverse technical backgrounds in the implementation of autonomous driving for a miniature racecar.

Leadership Experience

Gordon Engineering Leadership (GEL) Program **Cambridge, MA**

Teaching Assistant September 2017 – June 2018

- Hosted office hours and private tutoring for students.
- Coordinated with the program and professor to alter the form of the class to aid in student learning.

Next House Executive Committee **Cambridge, MA**

Undergraduate Association (UA) Representative January 2017 – January 2018

- Spoke and voted on behalf of dormitory at meetings with other living group leaders and the Undergraduate Association.

Skills

Programming: Java, Python, Arduino, C#, C++, MATLAB, PHP, HTML/CSS, Microsoft Visual Basic

CAD: Creo, Solidworks, AutoCAD

Machining Tools: CNC machining, mills, lathes, band saws, drill presses, shears, chop saws, etc.