

experience

SharkNinja Mechanical Engineer - Advanced Development

June 2018 to August 2019 - Needham, MA

Created new vacuum architecture; built CAD and physical prototypes to evaluate design criteria from concept through production.

Simulated and tested air path designs to improve efficiency and performance.

Developed product concepts targeting international markets.

Explored implementation of new technologies to expand product categories.

Tesla Motors Interiors Engineering Intern

January to April 2016 & June to August 2017 - Fremont, CA

Designed coat hook accessory for Model S & Model X programs.

Managed component validation and integration for Model 3 production ramp and European Model X launch.

Laid out and packaged early overhead system components for Model 3.

Apple Inc. Product Design Intern - Special Projects Group

June to August 2015 - Cupertino, CA

Conducted research and built test assemblies for electronic systems in product.

leadership

Lamplighter Brewing Company Bartender, Certified Beer Server

February 2018 to August 2019 - Cambridge, MA

Served customers in a high-volume craft beer taproom.

Assisted in on-boarding of new taproom staff.

MIT Motorsports - Formula SAE Sub-Team Lead

2013 to 2016 - Cambridge, MA

Managed the design and construction of body panels and other composite protective components for the team's first electric car.

skills

Fabrication

Rapid Prototyping
Woodworking
Metalworking
Composites
Machining

Software

Solidworks
CATIA
Rhino
PTC Creo
Autodesk Suite
Adobe Suite

Programming

MATLAB
HTML/CSS
JavaScript

education

Massachusetts Institute of Technology

2013 to 2018 - Cambridge, MA

B.S. in Mechanical Engineering with Minor in Architecture