Rishabh A. Shah

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Present Address
1021 Vaughn Street
The Dean Apt 1
Ann Arbor, MI, 48104

Permanent Address
1499 Salem Street
North Andover, MA, 01845

Education

University of Michigan **Ann Arbor, MI**
Bachelor of Science in Engineering in Mechanical Engineering April 2020
Minor in Electrical Engineering

Project Experience

University of Michigan **Ann Arbor, MI**
Michigan Hyperloop *Sept 2017 — present*
• Conceptualized and designed parts as a member of the braking subsystem
• Performed analysis on subsystem and parts to ensure safety measures are met
• Hoping to compete in the 2018 SpaceX Hyperloop Pod Competition

University of Michigan **Ann Arbor, MI**
Design and Manufacturing I *Sept 2017 — present*
• Engineered an RMP to compete in a game at the end of the semester utilizing Solidworks to create CAD and engineering drawings
• Manufactured almost all parts in house

University of Michigan **Ann Arbor, MI**
Solar Energy *Jan 2017 — April 2017*
• Fabricated and programmed a solar tracking device using an Arduino UNO
• Successful demonstration of tracking ability to produce maximum power

Relevant Experience

Osram-Sylvania **Wilmington, MA**
Quality Assurance Intern *June 2016 — Aug 2016*
• Impletemented the QLMS for the Americas Division Quality Labs, creating a new standard report format
• Assisted in electrical quality testing using lab equipment

Additional Experience

Bivouac **Ann Arbor, MI**
Sales Associate *Sept 2016 — present*
• Aid customers to find products that suit individual needs at an outdoor clothing and equipment store

Leadership Activities

Boy Scouts of America, Troop 87 **North Andover, MA**
Eagle Scout *Nov 2015*
• Organized and executed weekly meetings, ensuring rank progression for all Scouts and planned and led weekend trips, keeping safety paramount, such as backcountry ski outings and camping trips

Skills

Hardware: Mills, lathes, angle grinders, band saws, drill presses, waterjets, oscilloscopes, function generators, power supplies, soldering irons

Software: LaTeX, Python, C++, Matlab, Bash, Adobe Photoshop, Adobe Lightroom, Sublime Text, Github, MS Excel, MS PowerPoint