Rishabh A. Shah

rishabas@umich.edu • 978-873-7207
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*
- Implemented 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, Solidworks