

# Rishabh A. Shah

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<b>Education</b>	<b>University of Michigan</b> <i>Bachelor of Science in Engineering, undeclared</i>	<b>Ann Arbor, MI</b> <i>April 2020</i>
<b>Project Experience</b>	<b>University of Michigan</b> <i>Michigan Hyperloop</i> <ul style="list-style-type: none"><li>• Conceptualized and designed parts as a member of the braking subsystem</li><li>• Assisted with FEA analysis on the subsystem to ensure safety measures are met</li><li>• Planning on competing in the 2018 SpaceX Hyperloop Pod Competition</li></ul> <b>University of Michigan</b> <i>Design and Manufacturing I</i> <ul style="list-style-type: none"><li>• Engineered a Robotic Machine Player (RMP) to compete in a game at the end of the semester utilizing Solidworks to create CAD models and engineering drawings</li><li>• Utilized mills, lathes, and waterjets to manufacture parts in house</li></ul> <b>University of Michigan</b> <i>Solar Energy</i> <ul style="list-style-type: none"><li>• Fabricated and programmed a solar tracking device using an Arduino UNO</li><li>• Demonstrated successful tracking ability resulting in maximum power production</li></ul>	<b>Ann Arbor, MI</b> <i>Sept 2017 — present</i> <b>Ann Arbor, MI</b> <i>Sept 2017 — Dec 2017</i> <b>Ann Arbor, MI</b> <i>Jan 2017 — April 2017</i>
<b>Relevant Experience</b>	<b>Osram-Sylvania</b> <i>Quality Assurance Intern</i> <ul style="list-style-type: none"><li>• Implemented new QA Lab software for the Americas Division Quality Labs, creating a new standard report format and a streamlined work flow</li><li>• Assisted in electrical QA testing of LED Drivers in a lab environment to ensure performance specifications were met</li></ul>	<b>Wilmington, MA</b> <i>June 2016 — Aug 2016</i>
<b>Additional Experience</b>	<b>Bivouac</b> <i>Sales Associate</i> <ul style="list-style-type: none"><li>• Aid customers to find products at an outdoor clothing and equipment store that suit individual needs</li></ul>	<b>Ann Arbor, MI</b> <i>Sept 2016 — present</i>
<b>Leadership Activities</b>	<b>Boy Scouts of America, Troop 87</b> <i>Eagle Scout</i> <ul style="list-style-type: none"><li>• Organized and executed weekly meetings, ensuring rank progression for all Scouts</li><li>• Planned weekend trips while keeping safety paramount, such as backcountry ski outings and winter camping trips</li></ul>	<b>North Andover, MA</b> <i>Nov 2015</i>
<b>Skills</b>	Hardware: 3D printers, band saws, drill presses, function generators, laser cutters, lathes, mills, oscilloscopes, power supplies, soldering irons, waterjets Software: Adobe Lightroom, Adobe Photoshop, Bash, C++, Github, L <sup>A</sup> T <sub>E</sub> X, MS Excel, MS PowerPoint, Matlab, NX, Python, Solidworks	
<b>Hobbies</b>	Backpacking, skiing, photography	