

# Parth Koshti

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<b>education</b>	<b>PURDUE UNIVERSITY, WEST LAFAYETTE</b> Bachelor of Science in Mechanical Engineering	May 2019
<b>computer science experience</b>	<b>WEB DEVELOPMENT</b> <i>HTML/CSS and Webhosting</i> - Developed and hosted my professional website in HTML - Created and maintained an online student-teacher platform  <b>RASPBERRY PI (DEBIAN)</b> - Webhosting server on Raspberry Pi 3 - Customized network wide adblocker on home network - Set up a server to play Spotify music on living room speakers  <b>PYTHON</b> - Developed tool to auto-gather Bing Reward Points  <b>MATLAB AND R</b> - Created tools to automate cumbersome calculations and simulations required in projects and homework	Summer 2019           2015 – 2019
<b>mechanical engineering experience</b>	<b>ECKHART USA</b> <i>Associate Mechanical Engineer</i>  <b>DANA INC. (SENIOR DESIGN)</b> <i>Project Director (Electric Braking System)</i> - Coordinated team effort toward designing e-brake in 15 weeks - Maintained documentation and communication with client  <b>ZUCROW PROPULSION LABS</b> <i>Research Assistant</i> - Helped create particle vector simulation model using MATLAB - Control and Data Acquisition using LabVIEW programming  <b>SPACE X HYPERLOOP</b> <i>Assistant Mechanical Engineer</i> - Designed and manufactured custom parts for pod competition - Fabricated Carbon Fiber Composites for structural reinforcement	Aug 2019 – Present  Jan 2019 – May 2019   Dec 2016 – May 2017  Aug 2016 – Jan 2017
<b>skills</b>	Project Management, Statistical Analysis, Design/Prototyping/Deployment, Risk Management	
<b>languages</b>	<b>HTML, CSS, PYTHON, JAVASCRIPT, MATLAB, R</b>	