Parth Koshti

parthkoshti@gmail.com

linkedin.com/in/parthkoshti
parthkoshti.com

education	**PURDUE UNIVERSITY, WEST LAFAYETTE** Bachelor of Science in Mechanical Engineering	May 2019
relevant experience	**WEB DEVELOPMENT** *HTML/CSS and Webhosting* - Developed and hosted my professional website in HTML - Created and maintained an online student-teacher platform	Summer 2019
	RASPBERRY PI (DEBIAN) - 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	
	PYTHON - Developed tool to auto-gather Bing Reward Points	Summer 2017
	MATLAB AND R - Created tools to automate cumbersome calculations and simulations required in projects and homework	2015 – 2019
mechanical engineering experience	**ECKHART USA** *Associate Mechanical Engineer* - Designed and developed products for Industrial Automation - Worked on communication to reduce production costs - Implemented new hardware, allowing more freedom in designs	Aug 2019 – Present
	DANA INC. (SENIOR DESIGN) *Project Director (Electric Braking System)* - Coordinated team effort toward designing e-brake in 15 weeks - Maintained documentation and communication with client	Jan 2019 – May 2019
	ZUCROW PROPULSION LABS *Research Assistant* - Helped create particle vector simulation model using MATLAB - Control and Data Acquisition using LabVIEW programming	Dec 2016 – May 2017
	SPACEX HYPERLOOP *Assistant Mechanical Engineer* - Designed and manufactured custom parts for pod competition - Fabricated Carbon Fiber Composites for structural reinforcement	Aug 2016 – Jan 2017
skills	Project Management, Statistical Analysis, Design/Prototyping/Deployment, Risk Management	
languages	**HTML, CSS, PYTHON, JAVASCRIPT, MATLAB, R**	