

Melissa Rodriguez

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About Me Hi! My name is Melissa Rodriguez, a Mechanical Engineer and I'm currently looking for a full-time opportunity. I'm interested in working in a multidisciplinary team that focuses on topics including, but not limited to, research and development, robotics, design, prototyping, and testing. I'm available to start immediately.

Work Experience

Product Development Co-Op | SPX
Summer 2018 - Fall 2018, Summer 2019
Performed daily engineering changes on drawings, 3D models, and part obsolescence. Redesigning product line to be standard in order to cut costs related to custom orders. Created 3D prints to be used in R&D.

Product Concept Engineer Co-Op | Magna International
Summer 2017- Fall 2017
Performed dynamic analysis on a variety of vehicles to determine appropriate transfer case for each powertrain system. Created 3D models of transfer cases for customer distribution and display.

Mechanical Engineer Intern | Summerboard
Summer 2016
Helped this start up company with their production of electric snowboards. Determined pain points within assembly process and worked to reduce manufacturing time.

Additional Experience

Resident Adviser (RA) | Rochester Institute of Technology
Winter 2018-Present
Helped over 200 freshmen get acclimated to college while also creating inclusive communities that foster growth and camaraderie.

Education

Mechanical Engineering, BS 2015 - 2020 Minor in Communication Rochester Institute of Technology (RIT)	Study Abroad Aug - Dec 2016 RIT Dubai
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Relevant Coursework		Skills	Interests
Robotics	Heat Transfer	Python	Travel
		Spanish	Nature
Multidisciplinary Senior Design	Advanced CAD	Arduino	Code Art
		AutoCAD	Laughing :)
Strength of Materials	Computer Science I	Creo Parametric	Making playlists
		AutoDesk Inventor	Leonardo Da Vinci