

Alexander Henderson

School Address

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Contact Information

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Objective	To obtain an internship or co-op position in Mechanical Engineering	
Education	Missouri University of Science & Technology B.S. Mechanical Engineering	Spring 2018 GPA: 3.68/4.00
	Missouri State University Pre-Engineering Coursework Business Coursework – Accounting, Economics, Law, Marketing, Proj. Mgt	May 2015 GPA: 3.68/4.00
Experience	Parker Hannifin – Sporlan Division Product Development Co-Op <ul style="list-style-type: none">• Optimized essential laser welding parameters for 11 million dollar project• Developed valuable design changes for product under 35 million dollar contract• Root failure analysis using Design Of Experiments for new product/lab improvements• Evaluated product capabilities and process quality• Manage projects from scoping to implementation, keeping quality and safety first	Washington, MO May 2016-January 2017
	Missouri University of Science and Technology Undergraduate Research Assistant – 3D Ceramic Manufacturing <ul style="list-style-type: none">• Design and fabrication of valuable parts essential for manufacturing• Formulated improvements of existing manufacturing process	Rolla, MO January 2017-current
	Missouri University of Science and Technology Formula SAE – Cooling System member <ul style="list-style-type: none">• Redirecting coolant lines, more efficient path• Fabrication of essential parts• Cross functional problem solving	Rolla, MO August 2015–current
	Legacy Farm and Lawn – John Deere Dealership Restoration and Parts Service Counter <ul style="list-style-type: none">• Completed restoration of John Deere tractors – wiring, timing, overhaul, etc.• Worked Parts Service counter – JDpoint, parts lookup, stock, inventory• Installed Ag equipment/implements• Delivered small equipment• Filed for the human resources department• 	Lamar, MO June 2008-August 2015
Computer Skills	<ul style="list-style-type: none">• MATLAB• LabVIEW• Inventor• NX	<ul style="list-style-type: none">• Solidworks• Minitab• JMP – Statistic Software• REFPROP
Honors and activities	<ul style="list-style-type: none">• Missouri State University Dean’s List Fall 2012-Fall 2014• Missouri University of S&T Deans List Fall 2015, Spring 2016• American Society of Mechanical Engineers - member• Maintenance/Operation of John Deere tractors• Mentor for fellow students in Calculus and Differential Equations	