

Objective	To obtain a full-time position in embedded software, firmware engineering, or comparable field					
Education	Missouri University of Science and Technology			December 2017		
	<b>B.S. Computer Engineering</b>			<b>GPA: 3.605/4.0</b>		
Education	West St. Francois County R-IV High School			May 2013		
	<b>Valedictorian</b>			<b>GPA: 4.104/4.0</b>		
Experience	Garmin International			Olathe, KS		
	<b>Software Engineer 1</b>			Jan 2018 – Present		
	<ul style="list-style-type: none"><li>• Develop real-time audio drivers for the Linux kernel in C</li><li>• Work with debugging multicore ARM embedded hardware systems</li><li>• Experience with a variety of real-time operating systems &amp; techniques</li></ul>					
	<b>Software Engineering Intern</b>			May 2017 – Aug 2017		
	<b>Software Engineering Intern</b>			Jun 2015 – Aug 2015		
	Dave Engineering Design Group			St. Peters, MO		
	<b>Software Engineer I</b>			Jan 2016 – June 2016		
	<ul style="list-style-type: none"><li>• Develop embedded hardware schematics using OrCAD</li><li>• Lead architect for Linux firmware development using Yocto build system</li><li>• Digital signal processing for accelerometer motion tracking</li></ul>					
Experience	<b>Firmware Engineering Intern</b>			May 2014 – Aug 2014		
	The American Legion Boys State of Missouri			Warrensburg, MO		
	<b>IT &amp; Operations Staff</b>			Jun 2013 – Present		
	<ul style="list-style-type: none"><li>• Manage Azure cloud server administration and application backend</li></ul>					
	<b>Mobile Platforms Project Manager</b>			Jun 2015 – Dec 2016		
	<ul style="list-style-type: none"><li>• Coordinate team of five developers across iOS, Android, and Windows Phone platforms</li><li>• Develop consistent cross-platform user experience standards &amp; graphics</li><li>• Maintain timeline for feature implementations</li></ul>					
Experience	Missouri S&T Solar Car Team			Rolla, MO		
	<b>President</b>			Aug 2015 – Aug 2016		
	<ul style="list-style-type: none"><li>• Lead team to finish 4<sup>th</sup> in first road race in six years</li><li>• Manage fundraising and corporate relations</li><li>• Organize team outings and events</li></ul>					
	<b>Vice President of Manufacturing</b>			Aug 2014 – Aug 2015		
	<ul style="list-style-type: none"><li>• Oversee the design and construction of the solar car</li><li>• Develop and effectively execute a timeline for the build process</li><li>• Manage the integration of the electrical and mechanical systems</li></ul>					
Experience	<b>Software Development &amp; Electrical Team Lead</b>			Sept 2013 – Aug 2014		
	<ul style="list-style-type: none"><li>• Design a lithium-ion battery management and protection system</li><li>• Wrote a telemetry display, logging, and data analysis suite in Java</li></ul>					
	Missouri S&T Residential Life			Rolla, MO		
Experience	<b>Resident Assistant</b>			Aug 2014 – May 2015		
	<ul style="list-style-type: none"><li>• Provided intentional programming to enrich residents socially, academically, and professionally</li><li>• Promoted interactions between residents to encourage the development of a strong community</li></ul>					
Skills	C	Java	C++	KiCAD	OrCAD	Eagle CAD
	Azure	HTML	SQL	BASH	LTSpice	Solidworks