

William Lorey

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Objective	To obtain an internship or co-op position in the field of Computer Engineering or Computer Science	
Education	Missouri University of Science and Technology (Missouri S&T) B.S. Computer Engineering Minor: Computer Science	May 2019 GPA: 4.0/4.0
Experience	<p>The Boeing Company Information Technology Intern</p> <ul style="list-style-type: none">Engineered and implemented a social network for leveraging innovation from a team of 300+ Boeing IT employees. Project was winner of the 2016 Boeing ITCS Intern ChallengeAppraised the customer ticket resolution process and architected its optimization, fostering a smoother and more automated process to resolve customer's problemsModernized IBM Rational ClearCase and ClearQuest enterprise solution architecture diagrams for elevated ease of access and usePackaged software employing Software Express for enterprise wide distribution, allowing Boeing engineers to access software development toolsCollaborated on the attributes and automation of biannual mass distributed compliance form, ensuring team compliance with federal regulations <p>Missouri S&T Solar Car Design Team Logistics Manager</p> <ul style="list-style-type: none">Raced in and managed team/race logistics of the 2016 Formula Sun Grand Prix and American Solar Challenge. Our 18-person team achieved 4th place in North AmericaArchitected Missouri S&T team/race logistics for the 2017 World Solar Challenge in Australia <p>5S Coordinator (lean manufacturing methodology)</p> <ul style="list-style-type: none">Lead the initiative to implement 5S system to bring safety and efficiency to the team workspace. Required the cleanup and organizing of the Missouri S&T Student Design Center Electrical LabEducated Solar Car team members on 5S process and the plan for its implementation <p>Electrical/Software Team Member</p> <ul style="list-style-type: none">Wired and installed the 2016 Solar Car's electrical system including the solar array, maximum power point trackers, and peripheralsDeveloped and debugged embedded software to control lights and other peripherals on the carConstructed molds and thereafter composite layups to manufacture the car's bodyAided in hardware revisions on various boards both in design and implementation, assessing and correcting flaws in PCBsAssembled the Solar Car's battery management systems as well as various other boards	
Computer Skills	TFS SharePoint HTML C/C++ Java Python NetworkX Visual Studio Code Composer Studio Windows Linux	
Honors & Activities	<p>Boy Scouts of America – Eagle Scout</p> <p>Missouri S&T Dean's List – Fall 2015, Spring 2016</p> <p>Missouri S&T Electrical and Computer Engineering Department – Undergraduate Research Assistant</p> <p>Collegiate Eagle Scout Association – Vice President, Treasurer</p> <p>Missouri S&T Student Design Center Leadership Team – Member</p> <p>FIRST Lego League – Robot Design Judge Volunteer</p>	