

## William Lorey

linkedin.com/in/williamlorey

williamlorey.com

### Current Address

2221 Tenbrink Dr.  
Rolla, MO 65041  
wwlytc@mst.edu

### Permanent Address

4643 Bridlewood Terr.  
St. Louis, MO 63128  
cell: (573) 535 – 4932

Objective	To obtain a summer internship position in the field of Computer Engineering or Computer Science	
Education	Missouri University of Science and Technology (Missouri S&T) <b>B.S. Computer Engineering</b> <b>B.S. Computer Science</b>	May 2020 <b>GPA: 4.0/4.0</b>
Experience	<p>The Boeing Company <b>Information Technology Intern</b></p> <ul style="list-style-type: none"><li>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 Challenge</li><li>Appraised the customer ticket resolution process and architected its optimization, fostering a smoother and more automated process to resolve customer's problems</li><li>Modernized IBM Rational ClearCase and ClearQuest enterprise solution architecture diagrams for elevated ease of access and use</li><li>Packaged software employing Software Express for enterprise wide distribution, allowing Boeing engineers to access software development tools</li><li>Collaborated on the attributes and automation of biannual mass distributed compliance form, ensuring team compliance with federal regulations</li></ul> <p>Missouri S&amp;T Solar Car Design Team <b>Logistics Manager</b></p> <ul style="list-style-type: none"><li>Architected Missouri S&amp;T team/race logistics for the 2017 World Solar Challenge in Australia</li><li>Raced in and managed team/race logistics of the 2016 Formula Sun Grand Prix and American Solar Challenge. Our 18-person team achieved 4<sup>th</sup> place in North America</li></ul> <p><b>5S Coordinator</b> (lean manufacturing methodology)</p> <p>Feb 2016 – Aug 2016</p> <ul style="list-style-type: none"><li>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&amp;T Student Design Center Electrical Lab</li><li>Educated Solar Car team members on 5S process and the plan for its implementation</li></ul> <p><b>Electrical/Software Team Member</b></p> <p>Aug 2015 – Present</p> <ul style="list-style-type: none"><li>Wired and installed the 2016 Solar Car's electrical system including the solar array, maximum power point trackers, and peripherals</li><li>Developed and debugged embedded software to control lights and other peripherals on the car</li><li>Constructed molds and thereafter composite layups to manufacture the car's body</li><li>Aided in hardware revisions on various boards both in design and implementation, assessing and correcting flaws in PCBs</li><li>Assembled the Solar Car's battery management systems as well as various other boards</li></ul>	
Computer Skills	TFS SharePoint HTML CSS C/C++ Python NetworkX Git Visual Studio Code Composer Studio	
Honors & Activities	<p>Boy Scouts of America – <b>Eagle Scout</b></p> <p>Missouri S&amp;T Dean's List</p> <p>Missouri S&amp;T Electrical and Computer Engineering Department – <b>Undergraduate Research Assistant</b></p> <p>Collegiate Eagle Scout Association – <b>Vice President, Treasurer</b></p> <p>Missouri S&amp;T Student Design Center Leadership Team – Member</p>	