

# Ryan Hutchinson

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EDUCATION	<b>Texas Tech University</b> , Lubbock, Texas Bachelor of Science in Computer Science Minors: Mechanical Engineering and Math Cumulative GPA: <b>3.652</b> / 4.0 Credit Hours: 89	Aug 2014 – <b>May 2018</b>
EXPERIENCE	<b>NextEra Energy</b> , Houston, Texas Information Management Internship @ Gexa Energy <ul style="list-style-type: none"><li>• Design, Developed, and Implemented several business unit enhancement applications</li><li>• Using Python for quick easy development</li><li>• Identified certain software on all assets on the network and returned data for anlysis</li><li>• Integrated with a testing schedule to meet deadlines</li></ul> <b>Whitacre College of Engineering</b> , Lubbock, Texas Job Fair Software Update <ul style="list-style-type: none"><li>• Moving Job Fair Sign In and Analytics to Web</li><li>• C# Web Application</li><li>• Timeline: Completion in one semester</li></ul> <b>ERCOT</b> , Taylor, Texas Information Technology Internship <ul style="list-style-type: none"><li>• Design, Developed, and Implemented a Web application</li><li>• Java EE, Maven, JBoss Framework</li><li>• Integration with Agile</li></ul>	May 2015 – Aug 2015  May 2015 – Sep 2015  May 2015 – Aug 2015
RESEARCH	<b>NASA ISS Water Mass Reduction</b> , Texas Tech University Undergraduate Research Student Assistant <ul style="list-style-type: none"><li>• Expanded on current program to allow more pumps and automation</li><li>• Followed agile methodolgy with strict testing schedule</li><li>• XAML Interface</li></ul> <b>Texas Tech Research</b> , Lubbock, Texas Undergraduate Research Student Assistant Project: NSF Research Grant: Selenium Coated RO Filter Membrane <ul style="list-style-type: none"><li>• Independently developed and implemented data acquisition system</li><li>• Researched better data acquisitions techniques</li><li>• Developed time saving programs for file manipulation</li></ul>	Jan 2016 – Feb 2016  Oct 2014 – Feb 2015
INVOLVEMENT	<b>Texas Tech Engineering Ambassador</b> , Engineering Opportunities Center Active Member <ul style="list-style-type: none"><li>• Speak with prospective students and families</li><li>• Interact with civic groups and high school students</li><li>• Give tours of the engineering facilities</li><li>• Outreach to local middle schools and high schools</li></ul> <b>Formula SAE, Red Raider Racing</b> Electronics and Ergonomics Lead <ul style="list-style-type: none"><li>• Tasked with improving upon sucess of 2016 car</li><li>• Designed solution for monitoring CAN Network along with other vital information</li><li>• Worked with team members to desgin a electronic shifting system</li></ul> <b>FIRST Robotics Mentor</b> Mentor of Team 3735 FIRST (For Inspiration and Recognition of Science and Technology) Dec 2013 – Sep 2015 <ul style="list-style-type: none"><li>• Mentor robotics team through 6-week build season</li></ul> President of Team 3735 <ul style="list-style-type: none"><li>• Lead a team of peers and mentors to promote Robtics and STEM</li><li>• Competed at regional competitions with robot</li></ul>	Nov 2015 – Aug 2018  Aug 2014 – Sep 2015  Dec 2013 – Sep 2015
ACADEMIC AWARDS	<b>Dean's List</b> , Whitacre College of Engineering For attaining a semester GPA of at least 3.75. <b>Presidential Scholarship</b> , Texas Tech University	2014 – 2016  Aug 2014
INTERESTS	Flight, Speed, Formula 1, and Data	