Ryan Hutchinson

8235 Redchurch Drive, Spring, Texas 77379, USA
ryan.a.hutchinson@ttu.edu • +1 (713) 367-6863 • LinkedIn Profile • GitHub

EDUCATION	**Texas Tech University**, Lubbock, Texas	
	Bachelor of Science in Computer Science	**May 2018**
	Minors: Mechanical Engineering and Math	
	Cumulative GPA: **3.500** / 4.0	
	Credit Hours: 104	

EXPERIENCE

L3 Technologies, Greenville, Texas
Internal Research and Development CO-OP Student — Jan 2017 – Aug 2017
- Designed and Developed AngularJS web applications
- Engineered Backend Services for Chat and Video web applications

NextEra Energy Resources, Houston, Texas
Information Management Internship @ Gexa Energy — May 2016 – Aug 2016
- Design, Developed, and Implemented several buisness unit enhancement applications
- Using Python for quick easy development
- Identified certain software on all assets on the network and returned data for anlysis
- Integrated with a testing schedule to meet deadlines

Whitacre College of Engineering, Lubbock, Texas
Job Fair Software Update — May 2015 – Sep 2015
- Moving Job Fair Sign In and Analytics to Web
- C# Web Application

ERCOT, Taylor, Texas
Information Technology Internship — May 2015 – Aug 2015
- Design, Developed, and Implemented a Web application
- Java EE, Maven, JBoss Framework
- Integration with Agile

RESEARCH

NASA ISS Water Mass Reduction, Texas Tech University
Undergraduate Research Student Assistant — Jan 2016 – Feb 2016
- Expanded on current program to allow more pumps and automation
- Followed agile methodolgy with strict testing schedule
- XAML Interface – Project - GitHub

Selenium Coated RO Filter Membrane, Lubbock, Texas
Undergraduate Research Student Assistant
Project: NSF Research Grant: Enviromental Engineering — Oct 2014 – Feb 2015
- Independently developed and implemented data acquisition system
- Researched better data acquisitions techniques
- Developed time saving programs for file manipulation

INVOLVEMENT

Texas Tech Engineering Ambassador, Engineering Opportunities Center
Active Member — Nov 2015 – Dec 2018
- Speak with prospective students and families
- Interact with civic groups and high school students
- Give tours of the engineering facilities
- Outreach to local middle schools and high schools

TECHniques Center, Texas Tech Student Disabilties
Student Tutor — Aug 2016 – Dec 2016
- Tutor students diagnosed with disablities
- Certified College Reading and Learning Association (CRLA)

Formula SAE, Red Raider Racing
Electronics and Ergonomics Lead — Aug 2014 – Sep 2016
- Designed and Implemented 6-Axis Accelerometer data Logger – Project - GitHub
- ReDesigned Website for focus on Sponsor use – Project - GitHub

ACADEMIC AWARDS

Dean's List, — 2014 – 2016
Whitacre College of Engineering
For attaining a semester GPA of at least 3.75.

Presidential Scholarship, Texas Tech University — Aug 2014

INTERESTS

Flight, Speed, and Motorsports