

Professional Summary

- Aerospace Engineering, Mechanical Engineering, and Computer Science student with industry experience seeking additional opportunities. Is pursuing a double B.S in Aerospace and Mechanical Engineering and a M.S in Computer Science.

Skills

Computer Skills & Languages

- C++, C, MATLAB
- HTML, CSS, JavaScript, jQuery, AJAX
- C#, ASP.NET Core, PL/SQL, MySQL
- Perl, PHP, Python
- System Verilog, Verilog
- Libraries such as Kendo-UI and Knockout

Other Skills

- CAD – Siemens NX 10
- CAD – SolidWorks
- Spanish (Conversational)
- Basic Machining & Milling
- Detailed Documentation
- Long distance collaboration

Work History and Experience

Software Engineering Intern

Boeing – Hill AFB, Ogden UT

5/27/2017 to 8/17/2017

- Collaborated with other Software Engineers to design and implement a web application called CDAS, which serves as tool to capture, maintain, archive, and report data collected for assessment of the failure, test, repair, and re-certification of the LGM-30 Minuteman Missile Guidance Set.
- Accomplished this task using ASP.NET Core, C#, Oracle PL/SQL, jQuery, Ajax, as well as the Knockout and Kendo-UI libraries.

Logic and Validation Engineering Intern

Intel FCDC – Fort Collins, CO

5/23/2016 to 8/18/2016

- Worked with engineers to test and simulate different projects in order to ensure the quality and timeliness of the project for customers.
- Piloted software used to help accomplish this task using Perl, System Verilog, and Verilog, and implemented into other projects for future use. Provided detailed documentation of this software for user troubleshooting and long-term maintenance.

Education

Pursuing Dual B.S: Aerospace & Mechanical Engineering

Pursuing M.S: Computer Science

Rensselaer Polytechnic Institute – Troy, NY

- GPA: 3.37 – Dean’s List 2015
- Sigma Gamma Tau Honor Society Member since 2015

Expected Graduation Date – May 2020

Additional Experience

Safety Officer for Rensselaer Rocket Society – 2015, 2016, 2017

- RRS is a club founded to participate in NASA’s annual student launch competition (USLI) by designing, manufacturing, testing, and flying a High-Powered Rocket with a complex payload.
 - 2017: Working on the Vehicle Subsystems and Payload teams. Is helping to design an electronic system to allow rocket to execute controlled roll maneuvers using forward canards.

Events Coordinator for Sigma Gamma Tau – 2015, 2016, 2017

- Aerospace Engineering Honor Society – top 10% of class

Executive Secretary for RPI Women’s Rugby Club – 2016, 2017