

Objective:

Seeking an engineering position in order to expand my current skill set and further my career.

Education: **University of Connecticut, Storrs, CT**
 Bachelor of Science in Engineering, Mechanical Engineering
 Graduation Date: May 2019
 GPA: 3.88/4.00

Work Experience:

Belcan Engineering, Windsor, CT

Control Systems Engineer

Jun 2019 – Present

- Worked with an integrated team to determine and modify control system software requirements for aircraft air management systems.
- Modeled and simulated air management controls systems using MATLAB and Simulink.
- Analyzed test data to troubleshoot, debug, and validate system performance.

Collins Aerospace, Windsor Locks, CT

Systems Engineering Co-Op

Feb 2019 – Jun 2019

- Stored test data into a SQLite database using MATLAB for a submarine carbon dioxide removal unit.
- Queried and analyzed test data to generate performance reports and verify system functionality.
- Performed various system analyses for a hydrogen fuel cell charging station.

Pratt & Whitney and UCONN, East Hartford and Storrs, CT

Senior Design Project: Hydraulic Modeling and Controls Analysis

Aug 2018 – May 2019

- Modeled and simulated a hydraulic actuator and an electrohydraulic servo valve and verified their performance using Dymola.
- Developed RACI charts and priority matrices in order to organize tasks and meet deadlines.

Pratt & Whitney, East Hartford, CT

Quality Engineer Intern

May 2018 – Aug 2018

- Worked closely with a team of engineers to improve manufacturing processes by removing inefficiencies while utilizing continuous improvement tools.
- Participated in various continuous improvement events to reduce turnbacks and increase productivity.

Skills

- Working knowledge of MATLAB, Python, and SQL
- DOORs
- Microsoft Project, Visio, Word, PowerPoint, and Excel
- Project Management
- Continuous Improvement