

Anya Jensen

Robotics engineer with broad skill set in mechanical and electrical design, software development, root-cause analysis, and project management.

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East Granby, Connecticut

B.S. Engineering with Robotics, concentration in Entrepreneurship

Franklin W. Olin College of Engineering, August 2017 - May 2021

Work Experience

Collins Aerospace, July 2022 - present

NGPF Harness Project Engineer

- Run investigations into commercial engine failures and lead risk analysis, root cause, and corrective action development
- Manage project schedule and budget through work with suppliers and customers
- Lead testing for all Next Generation Propulsion Family engine wiring harnesses

Talcott Mountain Science Center, August 2021 - June 2022

Technology Educator

- Developed and taught technology curriculum for middle school students utilizing Arduino, Python, Raspberry Pi, CAD, and 3D printing
- Partnered with UConn Biodynamics Lab to design bioengineering course for middle school students
- Developed and taught project-based environmental science curriculum at a partner school
- Utilized LEGO Mindstorm robots and Minecraft programming to teach programming and engineering concepts to 2nd-5th grade students
- Taught K-1st grade students programming concepts utilizing Snap! block-based programming
- Maintained school makerspace, which included basic machining tools and 3D printers

Global Foundation for Ocean Exploration, April 2021 - July 2021

Electrical Engineering Contractor

- Worked and lived on NOAA vessel for two months conducting ocean mapping and sea floor research using deep-sea ROVs
- Performed systems testing to prepare vehicles for at-sea operations, while providing commentary to 24-hour livestream viewers
- Assisted in daily dive operations via piloting, navigation, and pre- and post-dive maintenance
- Maintained and upgraded vehicle sensor, propulsion, and light systems

Amazon Robotics, May 2020 - August 2020

Hardware Development Intern

- Owned individual project to improve Amazon package sustainability

Cruise, May 2018 - August 2018, May 2019 - August 2019

Vehicles Test Engineer Intern

- Worked on R&D vehicle testing team to test new sensor suites and perform RCCA for any vehicle issues
- Wrote calibration test scripts for autonomous vehicle sensor systems

Technical Skills and Volunteering

Mechanical and modeling: Solidworks, Onshape, CAM packages, NX, MATLAB

Electrical, communications, and controls: Arduino, E3.cable, fiber optics, CAN, ethernet, Raspberry Pi, open- and closed-loop control systems, No Magic Cameo

Software: Python, C++, Java, Linux, Adobe Suite, Microsoft Excel, Microsoft Project

Additional Coursework: SE 5001 - Model-Based Systems Engineering (University of Connecticut)

Volunteering: East Granby Fire Department, Connecticut Cat Connection