
Skills

- Python (PyCharm)
- HTML
- CSS
- MUMPS
- Bootstrap
- C++
- CATIA
- CREO Parametric
- AutoCAD

Experience

AUGUST 2020 – NOVEMBER 2020

CAD Contractor / Ephraim Enterprises, Salt Lake City Utah

- Learned the basics of AutoCAD software and utilized AutoCAD to create floorplans for residential two-bedroom apartments while accounting for zoning restrictions.

JULY 2019 – FEBRUARY 2021

Technical Services Analyst / Epic, Verona Wisconsin

- Finished MUMPS coding camp and successfully completed coding project that filtered and displayed medical information and tracked corrupted data.
- Communicated with customers daily regarding EpicCare Ambulatory software to determine needs and priorities and to troubleshoot and resolve software application issues.
- Finalized MUMPS debugging project.

MAY 2018 – AUGUST 2018

Mechanical Engineering Intern / Northrop Grumman, Dulles Virginia

- Created a command builder in Excel for the Mission Extension Vehicle that took measured physical commands and converted them to code that the MEV's computer could enact.
- Analyzed WIP data for lap shear, flat-wise tension, and compression tests of satellite panel samples, determined better fail criteria, and presented findings as graphics in PowerPoint.
- Completed CREO Parametric training course and successfully designed and 3D printed a fastener made to fit sensor for testing and calibration.

JUNE 2016 – AUGUST 2017

Security Installations Intern / Condortech Services, Fairfax Virginia

- Worked with experienced technicians on customer sites installing security systems.
- Processed company billing and purchasing documents using company database.
- Reviewed several security blueprints to determine installation costs.

Education

APRIL 2019

Mechanical Engineering / Brigham Young University, Provo Utah

GPA – 3.48

100 Days of Code / Udemy course by Angela Yu

Currently 75% done with coursework.