

Education

PRESENT – JUNE 2020

Bachelor's Degree

Oregon State University - Corvallis, OR 97231

Major: Electrical and Computer Engineering

JUNE 2016

High School Diploma

Roosevelt High School - 6941 N Central St, Portland, OR 97203

Experience

JUNE 24, 2019 – SEPTEMBER 20, 2019

Synchrophasor Intern

Bonneville Power Administration – 5411 NE Hwy 99, Vancouver, WA 98663

- Nonprofit federal power marketing administration based in the Pacific Northwest that promotes energy efficiency, renewable resources, and new technologies.
- Created a spreadsheet to retrieve necessary information missing for an Oscillation Detection Monitor (ODM) event given start and end time of event.
- Developed a report to cross reference Synchrophasor and Supervisory Control and Data Acquisition (SCADA) measurements within specified start and end time up to 3 weeks.
- Automated report that monitored partner Phasor Measurement Units and process of distribution to various departments within the company.
- Created various Virtual Basic Applications functions to access mapped and unmapped network drives and specify desired drive and folder.

JUNE 18, 2018 – SEPTEMBER 14, 2018

Hydropower Operations Intern

PGE West Side Hydro Project - 33831 E Faraday Rd, Estacada, OR 97023

- Maintains Portland General Electric's four hydroelectric plants on the Clackamas River.
- Created a detailed License Tracker to record measurements in order to show compliance with license requirements, at the four hydroelectric plants, defined by the Federal Energy Regulatory Commission (FERC). The tracker listed the current requirements as well as notified operators of pending changes, within 5 days, to the FERC requirements.

- Revised over 60 documents of maintenance procedures, done at various locations managed by the PGE West Side Hydro Project, to a standardized format.

JUNE 19, 2017 – SEPTEMBER 15, 2017

Solar Intern

Energy Trust of Oregon - 421 SW Oak St #300, Portland, OR 97204

- A mission-based nonprofit organization collaborating with utilities, nonprofits, and government agencies to deliver significant clean energy benefits for Oregon.
- Performed deep-dive detailed technical reviews of Solar Incentive Applications that included schematic designs and one-line diagram to ensure that all the information was consistent throughout all documentation.
- Using Power Clerk, completed and documented all reviews and made requests to the Vendors for revisions as necessary to meet the required standards for Energy Trust of Oregon applications.
- Created a detailed Vendor Application tracker, using information from the solar applications, with drop down capability to enable the Solar Program Assistant to select vendors with applications that required vendor action.

JUNE 20, 2016 – AUGUST 26, 2016

Operations Process Intern

On Electric Group - 1709 SE 3rd Ave, Portland, OR 97214

- One of the largest electrical contracting companies in the Northwest and specializes in mission critical, health care, commercial, high tech, industrial and institutional markets.
- Maintained and edited workforce log, a resource log that tracked the location and transfer of every On Electric Group construction employee throughout ten project locations, listing every worker on that site, the days they have worked, and their pay grade per On Electric Group's guidelines.
- Utilized label maker applications and collaborated with other interns to create a detailed MS Excel template connected to existing label maker software to create coded labels to support the Pre-Fabrication and Production Manager and to replace a manual system of handwritten labels. Coded labels instructed workers where pieces were to be located on the construction site.

JUNE 22, 2015 – AUGUST 13, 2015

IT Project Management Intern

Bonneville Power Administration - 905 NE 11th Ave, Portland, OR 97232

- Nonprofit federal power marketing administration based in the Pacific Northwest that promotes energy efficiency, renewable resources, and new technologies.
- Completed detailed daily updates on the project schedule to ensure all the information listed for each task was accurate and up to date following project management standards and expectations of the Project Management Office.

- Using advanced MS Excel features, functions, and formulas, implemented a self-automated pie chart and table, using information from project schedule. Enabled the Project Manager to instantly view and track how many tasks have been assigned to each team member, how many have been completed, how many are past due, and how many tasks remained to maintain resource management throughout the project.
- Worked with Project team to reach daily and weekly goals, assisting in daily stand up meeting, taking meeting notes, and assisting Project Business Systems Analyst in tracking daily tasks.