

Alyssa Ferry

Engineer In Training (EIT)

Currently contracting as a distribution engineer for Leidos, completing work for Seattle City Light.

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EDUCATION

BS Electrical Engineering

Montana State University

08/2015 - 12/2019

Bozeman, MT

Courses

- Wide range of coursework covering power, digital and analog circuits, and electronics.
- Related courses: Electromagnetic Theory, Power Systems Analysis, Photovoltaics, Energy Conversion Devices, Logic Circuits, Signals and Systems Analysis.

WORK EXPERIENCE

Associate Distribution Engineer

Leidos

11/2020 - Present

Seattle, WA

Achievements/Tasks

- Process applications for attachment to distribution poles for Seattle City Light
- This work includes field surveying, design work, electrical analysis, and structural analysis of electrical poles
- Communicate with customers, contractors, utility companies
- Utilize software such as AutoCAD, Bluebeam Revu, WAMS, Poleman (Microsoft Access database), and Spidacalc

Project Intern

Bremik Construction

05/2019 - 08/2019

Portland, OR

Achievements/Tasks

- Assisted the Project Engineer on a sustainable low-income housing project
- Coordinated with project architect, project manager and subcontractors to ensure project specifications were met
- Kept design files up to date for the site using Bluebeam Revu
- Logged submittal and RFI statuses in Vista by Viewpoint software

Cake Decorator / Student Employee

Indulge Bakery, MSU

08/2015 - 12/2019

Bozeman, MT

Achievements/Tasks

- As lead student decorator, received departmental scholarship for performance

Server

Olive Garden

05/2017 - 08/2018

Bozeman, MT

Achievements/Tasks

- Used customer service and people skills to ensure customers had a pleasant dining experience and their needs were met

SKILLS

Digital and Analog Circuits

Solar Cell Fabrication

Bluebeam Revu

Pspice

Power Distribution

CAD

Energy analysis

SpidaCalc

MS Office products

ADDITIONAL COURSEWORK

Business Certificate (01/2019 - 12/2019)

- Certificate in business. Classes include Business Management, Accounting, Finance, and Business and Entrepreneurship Fundamentals

Computer Programming (09/2020 - 12/2020)

- Completed a scripting class at Cascadia College in Bothell, WA.
- Have previously taken classes covering the basics of Java, C, and assembly.

CAD

- Completed a course in drafting and design that taught the basics of AutoCAD. Additionally, used the pdf editing software Bluebeam Revu extensively during a summer internship to edit design documents

LEADERSHIP / TEAMWORK

Senior Capstone Project: Northwestern Energy (08/2018 - 05/2019)

Worked with a team of 4 people to complete research on battery storage systems for renewable energy. Developed tests based on requirements and ran verification.

Multidisciplinary Engineering Course (01/2018 - 05/2018)

Completed a course where a group of engineering students from different disciplines worked together to make a mini electric car. Designed the circuitry to power and run the drive motor.

Peer Academic Leader (05/2017 - 05/2019)

Selected by the Engineering department to be an Engineering Peer Academic Leader. Duties included organizing and facilitating events such as study groups. Met with students one-on-one to discuss their classes, available resources, and gave general advice for College of Engineering.

Soccer Coach - NYSA (07/2013 - 11/2014)

Volunteered as the head coach of a soccer team for Northshore Youth Soccer Association. Duties included organizing and conducting practices, corresponding with parents/league officials, and coaching soccer matches.

LICENSES

Engineer In Training (EIT)

Possess EIT License from the State of Washington Board of Registration for Professional Engineers and Land Surveyors