Alyssa Ferry

Engineer In Training (EIT)

Currently employed 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 Blubeam 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

Front-end web development | Digital and Analog Circuits
Solar Cell Fabrication | Bluebeam Revu | Pspice
Power Distribution | CAD | Energy analysis | SpidaCalc
MS Office

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 - Present)
- Completed a scripting class at Cascadia College in Bothell, WA.
- Have previously taken classes covering the basics of Java, C, and assembly.
- Currently enrolled in a full stack bootcamp through the University of Washington.

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