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EDUCATION

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**Washington State University** - Pullman, WA

**Bachelor of Science:** Electrical Engineering, Graduated in 05/2021

**Minor:** Mathematics

**Relevant Coursework:** Power Lab, Circuits Lab, Energy Distribution System, Protection of Power System I

**Skills:** HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap, Git

**Certificate:** University of Washington Fullstack Bootcamp (10/2021 - 04/2022)

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PROFESSIONAL EXPERIENCE

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**Internship (Lab Practicum), 03/2019**

**Avista Utility** – Spokane, WASHINGTON

- Gained experience in Transmission, System Planning, Substation, Protection and Distribution Engineering as well as Power supply and Generation Engineering
- Learned about concepts of Transmission design, power flow and loading
- Substation components, their operations and designs were studied
- Protection scheme, short circuit models, protective devices and their purpose were studied
- Learned about Generation protection and line protection

**Electrical Engineering Design (Project), 08/2020 to 05/2020**

**Washington State University** – Pullman, WASHINGTON

- Performed an annual assessment of a transmission system provided by Electric Consultants Inc.
- Performed Contingency analysis for Steady State and Transient Stability
- NERC TPL-001-4 and WECC TPL-001-WECC-3 standards were followed
- Simulated the transmission system using PowerWorld Simulator
- Solved violations that were encountered on the system

**Teaching Assistant, 08/2018 to 05/2020**

**Washington State University** – Pullman, WASHINGTON

- Assisted teachers with supervision and care of group of students
- Supported classroom activities, including tutoring and grading homework.
- Assessed student assignments to check quality and completeness and assign grades.
- Tutored struggling students individually and in small groups to reinforce learning concepts.

**Tutor, 08/2019 to 05/2020**

**Washington State University** – Pullman, WASHINGTON

**Courses:** *Mathematics 106, Mathematics 216, Mathematics 271, Mathematics 272, Mathematics 273*

- Conducted tutorial services for students to provide academic support in Mathematics and Statistics.
- Educated students on study tips and exam strategies.
- Assisted Professors proctor assessments
- Logged grades into the grading portal for the professors

**Volunteer, 03/2015 to 04/2015**

**Creators & Innovators Club for Girls** – Bellingham, WASHINGTON

- Mentored girls to become confident with electronics and technology
- Collaborated with great female role models within the engineering field
- Promoted career preparation programs for middle school aged girls
- Created an empowering environment for women in Computer Science
- Educated and informed girls about technology and Computer Science

### **Self-Exploration Challenge**

Designer and Developer

- A self-help application that encourages users to engage in a 30 day self-exploration challenge, providing a tool that generates activity ideas for exploring personal interests and another page for journaling.
- Tools/Languages: HTML, CSS, JavaScript, jQuery, Bulma, AJAX, Bored API, Quotes Free API

### **Password Generator**

Designer and Developer

- A page that generates a password based on the user's choice of length and different special characteristics
- Tools/Languages: HTML, CSS, JavaScript

### **Work Day Scheduler**

Designer and Developer

- A calendar application that lets one plan out their daily schedule during their work hour
- Tools/Languages: HTML, CSS, JavaScript