

Eli Mounts

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EDUCATION

Northwest Nazarene University

August 2022 - Present, Expected Spring 2026 | 4.0/4.0 GPA

B.S. Engineering (Electrical and Computer Concentrations)

Relevant Coursework Completed (* Will be completed 5/9/2026)

- Electromagnetics, Communication Systems, Embedded Systems, , Chemistry for Engineers, *Database Design, Event Driven Programming, Digital Systems, Data Structures, *Computer Architecture, Networks, Microelectronics, and Advanced Circuits

EXPERIENCE

Advanced Development Engineering Internship

Itron

May 2025 - August 2025

- Conducted extensive high frequency RF Testing to verify FCC compliance of Itron products.
- Designed and implemented automated testing to assess HaLow WiFi technology implementation into Itron's products
- Gained hands-on experience with Cellular/eSIM technology, antenna design, RF communication, and hardware testing

Distribution Operations Engineering Internship

Avista Utilities

May 2024 - August 2024

- Created custom displays for analyzing historical data through the implementation of SQL queries of historic databases
- Performed extensive software testing to find and remove errors in software in development

Generation Asset Management and Compliance Engineering Internship

Avista Utilities

May 2023 - April 2024

- Utilized Excel and VBA to innovate and create solutions to automate laborious tasks and analyze large data entries
- Developed data mining skills to complete compliance projects efficiently

College Mathematics, Physics, and Engineering Tutor

Northwest Nazarene University 2022 - Present

Eastern Washington University October 2021 - June 2022

- Tutor advanced Math, Physics, and Engineering courses

SKILLS

C++, C, C#, Python, SQL, Verilog, AT Commands, and VBA

FME, MATLAB, Excel, Mathematica, and Solidworks

High Frequency RF Testing

Data Analysis

Cellular and eSIM Technology

Strong Math Background

Innovation

Strong Initiative

Eager to Learn

Problem-Solving

Time Management

Attention to Detail

Effective Communication

Teamwork

Honors and Activities

Engineer in Training Certified

National Merit Commended Scholar

NNU Presidential Scholar

Spokane Scholar

Freeman High School
Valedictorian

Student Government Association
Student Organization Coordinator

Founder and NNU Alpine Ski and Snowboard Club, Chess Club, and Bowling Club

Principal Clarinetist for NNU Wind Ensemble, Symphonic Orchestra, and University Choir and Orchestra.