206 397 5558

Daniel Muir

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github.com/zeckten

Objective

Ambitious sophomore pursuing a degree in Electrical and Computer Engineering at the University of Washington. Seeking opportunities in computing and medicine, with interests in neurotechnology, biotech, and neuromorphic computing. Strong work ethic demonstrated through academic achievements and leadership roles.

Education

University of Washington, Seattle *Expected June 2027*
Intended Major: Electrical and Computer Engineering **GPA: 3.86**
Relevant Coursework: Computer Programming, Data Structures, Scientific Computing, General Chemistry

Experience

Web Developer & Research Assistant, Illimited Lab, UW June 2024–Present
- Improved lab's website, streamlining communication and recruitment.
- Contributed to research, offering technical insights.
Seasonal Facilities Assistant, Islandwood June 2023–Aug 2024
- Conducted facility maintenance, including trail building and cleaning.
Certified Lifeguard, Bainbridge Island Parks & Rec Apr 2021–Jan 2022
- Ensured patron safety, performed rescues, and maintained equipment.

Leadership

Vice President, Triangle Fraternity, UW Dec 2023–Present
- Managed a STEM-exclusive fraternity, overseeing academic and social initiatives.
- Organized events, study resources, and mentorship programs.
Activities & Volunteer Coordinator, HOSA, UW Sep 2024–Present
- Coordinated volunteer opportunities and professional development events.

Projects

sudokuNet github.com/Zeckten/sudokuNet
- Designed a PyTorch ResNet CNN for Sudoku solving, achieving 96.78% accuracy.
- Optimized model with hyperparameter tuning, training on RTX 2080 Ti.
cs50cloudchat github.com/Zeckten/cs50cloudchat
- Built a Flask-based chat app with authentication, admin tools, and real-time messaging.

Skills

Programming: Java, Python, C, Git, HTML | **Platforms:** Linux, Windows
Soft Skills: Leadership, communication, teamwork, problem-solving