

Carson Adams

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Education

Cumulative GPA: 3.7

University of Washington Bothell – Bachelor of Science in Electrical Engineering

June 2027

Whatcom Community College – Associate of Science in Electrical and Computer Engineering

June 2025

Experience

Scholar Lead, Washington State Opportunity Scholarship - Seattle, WA

September 2025 – Present

- Mentor new Opportunity Scholars to navigate WSOS resources and college processes by providing guidance via email, calls, and meetings, hosting community-building events, and sharing scholarship deadlines; help Scholars successfully access resources
- Support Scholars in achieving academic and career goals by guiding mentees through scholarship processes, connecting them to campus services
- Strengthen leadership, communication, and problem-solving skills while building a supportive peer network

Lead Medical Assistant, Bellingham Bay Ophthalmology - Bellingham, WA

May 2024 – September 2025

- Assisted surgeons during minor refractive and diagnostic procedures, conducted pre- and post-operative workups, and ensured sterilization and equipment readiness to maintain high standards of patient care
- Provided hands-on training for new technicians in diagnostic testing, surgical assistance, and equipment operation
- Conducted post-operative follow-ups, answered patient questions, pre-op testing, and ensured compliance with healthcare regulations
- Manage patient communications by providing instructions, follow-up guidance, and addressing concerns, and contacting patients with lab results
- Oversaw operational efficiency, monitored patient vitals, and maintained documentation in compliance with HIPAA and clinic standards

Projects

Personal Website

carsonadams.dev

- Designed and developed a personal portfolio website to showcase projects, resume, and contact info
- Implemented interactive color-changing elements and responsive design for mobile and desktop

Aquarium Temperature Tracker

- Designed and implemented a real-time temperature monitoring system for a saltwater reef tank using an ESP-01 Wi-Fi module and DS18B20 waterproof temperature sensor
- Developed code to read sensor data and send it over Wi-Fi to a Google Sheets dashboard, enabling automated remote monitoring

Skills

Programming Languages: Python, Java, HTML, CSS

Software: Arduino IDE, MATLAB, Microsoft Office, 3D printing CAD