SAMANTHA AUTREY

Computer Engineering Student

CONTACT

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EDUCATION

2022 - 2024
EASTERN WASHINGTON UNIVERSITY
- 90+ Credits as a Running Start Student, GPA - 3.8
- Emphasis on Computer/Mathematics

2024 - Present
UNIVERSITY OF WASHINGTON
- Direct Admission to Paul Allen School of Computer Science/Engineering
- Pursuing Bachelors in Computer Engineering and Applied Mathematics

LANGUAGES AND TOOLS

- **Languages:** Javascript, Java, Python, C, SQL, HTML, CSS
- **Frameworks/Libraries:** Three.js, React, React Native, NumPy, Pandas, BS
- **Tools:** Git, GraphQL, WordPress, Wireshark
- **Systems:** Linux/Bash

SKILLS AND CERTIFICATIONS

- GFACT Cybersecurity Certification - Awarded in 2024
- Project Management
- Effective Communication
- Problem Solving

PROFILE SUMMARY

Computer Engineering & Applied Mathematics student at the University of Washington's Paul Allen School with experience delivering high-performance, production-level software using React, Three.js, GraphQL, and SQL. Skilled in using clear communication to solve ambiguous problems in collaborative environments. Demonstrated success in optimizing UI/UX, leading cross-functional teams, and completing projects ahead of schedule. Seeking to apply technical expertise and problem-solving skills to large-scale software systems.

WORK AND PROJECT EXPERIENCE

Kestrix   June 2025- August 2025
Software Engineering Intern

- Built and optimized a mission-critical 3D visualization component using JavaScript, Three.js, GraphQL, and React, improving render performance and maintainability
- Delivered ahead of schedule, surpassing expectations for quality, performance, and scalability while ensuring system reliability
- Integrated into core workflow with seamless UI/UX improvements
- Collaborated with designers, engineers, and product managers to ensure security, scalability, and cross platform compatability while communicating complex technical trade-offs to both technical and non-technical partners."

Husky Coding Project   2024 - PRESENT
Project Manager and Onboarding Lead

- Project Manager – Avenudub: Leading the development of a mobile app aimed at enhancing the experience of over 40,000 UW students by cataloging local businesses and enhancing campus safety through features such as incident reporting and high-risk area identification
- Showcased the application to both industry professionals and non-technical audience members, explaining both technical and design elements simply
- Member of the onboarding program for 50+ new members, designing mentorship workflows and development events to accelerate integration into technical teams

The Easterner   2023 - 2024
Web Editor

- Maintained and enhanced the EWU student newspaper website, overseeing content posting, UI updates, HTML Editing, and backend classification optimization for faster updates and easier maintenance.
- Redesigned and deployed a new homepage and coordinated quarterly print editions, ensuring brand consistency across digital and print formats.
- Collaborated with editorial leadership to streamline digital publishing workflows, and analyzed user data to improve publishing quality/increase views