

# Osaze Ogieriakhi

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## PROFESSIONAL SUMMARY

Motivated Computer Science graduate with experience building scalable software and full-stack features in collaborative environments. Proficient in Python, C++, JavaScript/TypeScript, and REST APIs with strong fundamentals in data structures, algorithms, and maintainable code design. Demonstrated ability to learn new technologies quickly, iterate on solutions, and contribute across the stack. Eager to join Figma's engineering team to build impactful features, grow through cross-functional collaboration, and contribute to tools used by millions.

## EDUCATION

### Washington State University

*Bachelor of Science*

Major: Computer Science; Minor: Mathematics

GPA: 3.8; Honors: President's List [Spring 2022 - Spring 2025], James C. Geier Scholarship

Relevant Coursework: Neural Networks, Azure AI Fundamentals, Systems Programming, Data Structures & Algorithms

Pullman, WA

Jan 2022 – Dec 2025

## TECHNICAL SKILLS

**Computer/Technical:** Databases, Data Structures, Algorithms, Object-Oriented Programming, Statistical Analysis, API Design, Web Development, Agile, Scrum, SDLC, Full stack development

**Programming Languages:** C, C#, C++, SQL, PostgreSQL, Python, Golang, Java, Typescript, JavaScript

**Tools/Frameworks:** CI/CD [Docker, Kubernetes], React, Node.js, Azure, AWS, Git, Linux, Splunk

## PROJECTS & PROGRAMS

### Boeing Semantic Parser, *Developer* – Pullman, WA

Jan 2025 – Dec 2025

- Built a command-line tool that extracts, summarizes, and translates aviation manuals using transformer-based NLP models
- Designed modular pipelines for parsing and semantic search, integrating Hugging Face models and REST APIs

### Hackronomics, *Frontend Developer* – Pullman, WA

Feb 2025

- Engineered a financial-tracking web app with generative AI recommendations and interactive data visualizations including 3D animation models, showcasing ability to deliver user-facing features and scalable backend systems

### TravelBuddy, *Fullstack Developer* – Pullman, WA

Sep 2024 – Dec 2024

- Developed a full-stack travel planning platform delivering 500+ individualized itineraries; implemented user authentication, backend data management and delivered features from prototype to deployment

## PROFESSIONAL EXPERIENCE

### Schweitzer Engineering Laboratories

Pullman WA

*Associate Software Engineer*

Jan 2026 – Present

- Leading the design and development of a reusable React + TypeScript component library that serves as the foundation for frontend development across SEL applications, enabling consistent UI patterns and faster feature delivery across teams
- Defining component usage guidelines, documentation, and best practices while supporting adoption across teams, reducing duplicated UI logic, improving maintainability, and establishing a long-term frontend platform that scales with growth

### Software Engineer Intern

May 2025 – Dec 2025

- Refactored C++ and C#/.NET testing framework into modular, independently deployable services to improve parallel execution, resulting in a 35% reduction in system test cycle time — demonstrating secure and scalable design.
- Partnered with QA and DevOps teams to validate automated tooling performance and iterated based on feedback to ensure reliability across the SDLC — reflecting collaborative development and continuous improvement.

### National Society of Black Engineers (NSBE), WSU Chapter

Pullman, WA

*President*

May 2025 – Dec 2025

- Forged partnerships with industry leaders, connecting 100+ members to career opportunities and 10+ company recruiters
- Launched 3 K–12 STEM programs, mentoring students and promoting early interest in engineering and computer science
- Led executive board of 9 officers, orchestrating professional development events raising organization participation by 18%

### Washington State University, College of Engineering

Pullman, WA

*Teaching Assistant – Data Structures & Algorithms*

Aug 2024 – Dec 2024

- Led weekly lab sessions for 30+ students, reinforcing concepts in data structures and algorithms and objected oriented design
- Evaluated programming assignments and exams, delivering feedback contributing to a ~20% improvement in course outcome

## LEADERSHIP & OTHER ACTIVITIES

### Palouse Libraries, *STEM Outreach Volunteer* – Palouse Area, WA

Jan 2024 – Dec 2025

- Led STEM reading sessions and hands-on science activities for elementary students, fostering early interest in technology

### Black Student Union, *Member* – Pullman, WA

Jan 2022 – Dec 2025

- Actively engaged in cultural advocacy, peer-mentorship, and initiatives that fostered an inclusive campus community

### Why Not You Academy, *Near-Peer Mentor* – Remote

Aug 2024 – Apr 2025

- Mentored 15+ high school students on college decisions and shared insight into studying computer science and tech careers

## SKILLS & INTERESTS

**Other Skills:** Collaboration, Communication, Problem solving, Leadership, Attention to Quality