Lucas Wehr

Information

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Profile

Passionate software engineering student with experience such as C++, Python, and data structures. Strong collaborator with a proven ability to debug, refactor, and implement responsive AI systems. Quick learner with a 3.9 GPA and hands-on experience in time-constrained development environments.

Projects

WSU Hackathon 2025
- Collaborated with a team of two other coders to develop a project based on a given theme within 24 hours.
- Acquired experience on how to code efficiently under a tight deadline, and learned how to problem-solve and manage time effectively.

SFML Video game 2025
- Built a modular game architecture using SFML, featuring animated sprites, tile-based terrain, and physics-driven movement.
- Reinforced C++ principles such as polymorphism, inheritance, and class design through hands-on implementation.
- Designed and programmed enemy AI behavior using state-driven logic, enabling dynamic interactions and responsive combat.
- Created the project independently outside of coursework, demonstrating self-motivation and a passion for learning and game development.

AI Resume Critique Web App 2025
- Constructed a web application that analyzes resumes for readability, clarity, and grammar using the Cohere AI API.
- Developed the backend with Python & Flask, integrating API calls and dynamically rendering HTML/CSS feedback in a scrollable, user-friendly interface.
- Styled the UI with Times New Roman typography, clean headings, and interactive elements to enhance readability and user experience.
- Implemented real-time scoring and detailed AI suggestions, providing actionable feedback to improve resumes.
- Gained hands-on experience in API integration, web development, Jinja2 templating, and responsive front-end design.

Education

Bachelor of Software Engineering
Washington State University
05/2028 PULLMAN, WA
GPA: 3.9

Skills

ⓘ LANGUAGES
C and C++	Python

ⓘ TOOLS
VS Code	Linux	Git
Makefile		

ⓘ CONCEPTS
API Integration	Data Structures/Algorithms	Game Design

Work History

Car Detailer
Enterprise Rent-a-Car
05/2025 – present PULLMAN, WA
- Coordinated with team members to detail and deliver vehicles under tight schedules, resulting in faster turnaround by 25% and improved customer satisfaction across multiple pickup locations.
- Trained new employees on company procedures and service standards, reinforcing team efficiency and ensuring consistent quality.

Sandwich Maker/ Register
Jimmy Johns
02/2023 – 08/2024 LIBERTY LAKE, WA
- Success in this role due to strong work ethic leading in a 30% wage increase.
- Communicated effectively to the employees and to the customers, resulting in higher morale.