William Smith

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Education

Portland State University — Portland, OR
Bachelor of Science in Computer Science — Sep. 2019- Jun. 2025
Relevant Coursework: Operating Systems, Data Structures & Algorithms, Computer Networks, Database Systems, OOP.

Skills

Languages: Python, C, C++, C#, HTML, CSS, JavaScript, SQL
Frameworks & Backend: Flask, Node.js, Express, .NET MAUI, REST APIs
Tools & Platforms: Git, GitHub, Linux, VS Code, Xcode, Jira, Trello, Selenium

Experience

AI Agent Developer Intern — Remote
NeuralSeek — Sep. 2025- Oct. 2025
- Explored AI agent architectures and prompt engineering techniques through hands-on experimentation and structured learning modules.
- Applied conversational AI workflows to prototype automation and information retrieval use cases.
- Collaborated with a distributed cohort to evaluate model behavior, iterate on prompt strategies, and analyze performance.

Software Engineer — Portland, OR
Portland State University Capstone Project - Galaxux CRN — Jan. 2025- Jun. 2025
- Developed full-stack features integrating structured APIs, improving data consistency and application reliability.
- Engineered responsive CRUD workflows that enhanced usability and reduced data-entry errors in a 7-member Agile development environment.
- Collaborated through Git-based version control and structured code reviews, ensuring maintainable, production-ready code quality.
- Participated in sprint planning and iterative development cycles, contributing to timely delivery of project milestones.

Information Technology Intern — Clatskanie, OR
Georgia-Pacific — Jun. 2024- Aug. 2024
- Diagnosed and resolved hardware and software issues for 50+ users, minimizing downtime and restoring system functionality under time-sensitive conditions.
- Executed large-scale PC refresh deployment (100+ systems) with minimal operational disruption.
- Strengthened incident response skills by identifying root causes and implementing corrective actions in a fast-paced production environment.

Projects

Weather Forecast Web App — Clatskanie, OR
Python, Flask, REST APIs, HTML/CSS, Render — Nov. 2025- Jan. 2026
- Designed and deployed a production-style weather forecasting web app using Flask and external REST APIs, enabling dynamic ZIP-based forecast retrieval.
- Implemented ZIP-to-coordinate geolocation conversion and structured JSON parsing, ensuring accurate multi-step API integration.
- Built server-side input validation and exception handling to prevent malformed requests and improve fault tolerance.
- Developed responsive frontend UI with custom CSS and mobile optimization to ensure cross-device accessibility.

Selenium Web Scraper & Automated Test Suite — Clatskanie, OR
Python, Selenium, BeautifulSoup — Dec. 2025- Jan. 2026
- Developed a Python-based web scraper to extract structured data from dynamic, JavaScript-rendered web pages.
- Implemented Selenium browser automation to simulate user interactions, validate UI behavior, and detect content changes.
- Integrated automated test workflows to verify page load timing, element presence, and error handling.
- Improved data reliability by combining HTTP scraping with real browser-based validation, reducing manual verification.