

Robert Ashby

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SUMMARY

Passionate software enthusiast with a strong background in support, automation, and security. Skilled in programming languages ranging from Rust to Python, and experienced in web development frameworks such as React and Solid JS. Capable in leadership and collaborations of various sizes, currently seeking to grow their career in tech.

EXPERIENCE

Education Technology Assistant

Mount Vernon School District

Jan 2025 – Present
Mount Vernon, Washington

- Performed technology support to end users, both on site and remote through help desk
- Used build systems for automated imaging and provisioning of Windows and Mac machines
- Installed, repaired, and deployed Cisco Meraki APs, Interactive Flat Panel (IFP) devices, and various other technologies
- **Tech/Skills Utilized:** Cisco Meraki, OneDesk, Windows Active Directory, Google Workspace, PowerShell

PROJECTS

Various Automation Engineering

Mount Vernon School District

Jan 2025 – Present
Mount Vernon, Washington

- Built scripts to speed up the processing time of device recycling by 2x
- Created application to format files for easy student/staff photo uploads to backend services
- **Tech/Skills Utilized:** Python, Tkinter, Google AppsScript, Google Workspace, PowerShell Scripting

Design and Implement Interactive Lessons on Malware

Western Washington University, Cyber Range Poulsbo

Fall 2023 – Spring 2024
Bellingham, Washington

- Using Docker/OpenStack to create safe, containerized environments for malware
- Documenting environments and processes such as deployment and VM specifications
- **Tech/Skills Utilized:** Python, Docker, OpenStack, Documentation, Collaborative Development

Text Generation Utilizing N-Gram Language Model

Personal Project

Winter 2024
Bellingham, Washington

- Analyze text composition and sentence structure to generate a language model capable of predicting tokens given sentences
- Added features including ability to parse and utilize archive data from social media
- **Tech/Skills Utilized:** Statistics, Python, Clojure

EDUCATION

Western Washington University

B.S. Computer Science – 3.68 GPA

Bellingham, Washington
Sep 2020 – June 2024

Extracurricular: President of WWU Cybersecurity Club 2022 – 2024

Courses: Operating Systems, Secure Software Development, Human Errors in Software Engineering, Cloud Computing, Web Scripting, Object Oriented Design, Algorithm Analysis, Networking, Privacy Enhancing Technologies, Linear Algebra, Statistics

TECHNICAL SKILLS

Programming Languages: Python, C#, JavaScript/TS, Rust, C/C++, SQL, MongoDB, Clojure, PowerShell

Frameworks/Libraries: React, Solid JS, Numpy, Pandas, WinUI

Tools: GitHub Workflows, Git, Docker, Google Workspace, Linux, Openstack, Cisco IOS, OneDesk