Will Garrison

(360)391-9285   contact@vvill.dev   https://vvill.dev

Education

- **BS, Computer Science**; Oregon State University (Corvallis, OR) *June 2025*
  - (Adv.) Web Development, Databases, Networks, Software Engineering (1 & 2), Technical Writing, Data Structures, Algorithms, Operating Systems (1 & 2), Parallel Programming, Assembly, Graphics, Shaders

Work Experience

- **Incoming Software Development Internship** @ ConductorOne *January - March 2025*
  - Writing Go code for Identity Governance Software
- **Peer Educator** @ OSU Clubs & Organizations *July 2024 - June 2025*
  - Writing documentation for new club leaders at OSU, revising policy guidelines
  - Providing on-demand support to club officers and support the production of large-scale university events
- **Administration and Finance Officer** @ OSU Residence Hall Association *June 2022 - June 2024*
  - Managed $100,000 budgets across 19 different spending accounts
  - Scheduled regular meetings with Housing and Dining administrators to amplify residents' voices

Projects

- **Croudsourced Resume Feedback Website** | *React, OAuth, SQL, REST API* | *Roast.VVill.dev* | *Github*
  - Lead a team in developing a React based full stack webapp with a REST API *2024*
  - Integrated Disqus Community Management and interfaced with Dropbox using OAuth2
  - Utilized an SQLite database for efficient and persistent storage of generated pdf links
- **Link Shortening Server w/ CLI Frontend** | *Go, Bun, SQL, REST API* | *A.VVill.dev* | *Github*
  - Created a Bun webserver and API for redirecting URLs using an SQL database and HTTP status codes *2024*
  - Built a command line interface for link creation using Go, and a web front end styled with Pico.css
- **Portfolio Site** | *SSG, HTML, CSS, JS* | *VVill.dev* | *Writeup* | *Github*
  - Wrote a responsive website with HTML, CSS, and JS utilizing Media Queries and Flexbox *2023*
  - Managed configuration of Hugo's static site generation with modular files for efficient DevOps
  - Configured DNS and Email Routing through Cloudflare and proxied traffic using Caddy
- **Real-time Online Party Game** | *WebSockets, Express, NodeJS* | *Newsie.VVill.dev* | *Github*
  - Worked in a team to develop a full-stack synchronous party game using Github and OOP principles *2022*
  - Coordinated HTTP requests with Express.js and utilized WebSockets for continuous network transactions
  - Implemented error handling and input validation with JavaScript to ensure server uptime and good UX

Leadership

- **Leadership Liaison for the Engineering Student Council** *2023-Now*
  - Instituted Office Hours to share expertise and development opportunities between more than 50 engineering clubs
  - Collaborate with the Leadership Academy to amplify academic opportunities in the College of Engineering
- **Officer of 4 Student Clubs** *2022-Now*
  - Co-founded the General Engineering Club to facilitate students' multidisciplinary side-projects
  - Lead Linux Users Group with weekly engaging educational meetings and began recovering club infrastructure

Skills

- **Web Development Skills**
  - HTML, CSS, JS, React, Node, SQL, PHP
  - WebSocket, Express, Jest, Cypress, Hugo
  - NginX, Caddy, Cloudflare, Wireshark
- **System Level Programming**
  - C, C++, Rust, Golang, Java, Python
  - Unix, Linux, CLI, Bash, Vim, Systemd
- **Project Management**
  - TDD and CI/CD
  - Version Control with Git and Github
- **Soft Skills**
  - Leadership and Team Management
  - Clear and Effective Communication
  - Self Motivated and Always Learning