

Isaac K. Boaz

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Experience

- **Trimble**

Software Engineering Intern

Seattle, WA

06/2024 – 09/2024

- Contributed to the development of a Golang-based secrets manager.
- Resolved a 4-year-old bug in a JSX-based web application within 4 days.
- Identified, prepared, and deployed Windows agents for the secrets manager.
- Created shell and Azure DevOps scripts to automate releases and workflows.
- Worked with a Scrum team to ensure tasks were completed in a timely manner.

- **Western Washington University**

CS Teacher Assistant

Bellingham, WA

01/2024 – 06/2024

- Held office hours to assist students with assignments and projects.
- Provided feedback and grades on assignments, projects, and quizzes.
- Worked with professors to ensure students completed assignments and understood course material.

- **Aramark**

Student Manager

Bellingham, WA

08/2022 – 12/2023

- Opened and closed dining halls.
 - Oversaw students, ensuring breaks and tasks were completed in a timely fashion.
 - Completed necessary bookkeeping and till counting to ensure accurate accounting.
 - Stepped in where needed to fill for empty positions, student breaks, busy stations, etc.
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Education

- **Western Washington University**

College of Science and Engineering, B.S. Computer Science

Bellingham, WA

2022 – 2024

- Minor in Mathematics.
- Expected Graduation Fall 2024.

- **South Seattle College**

College of Science and Engineering, A.S. Computer Science

Seattle, WA

2021 – 2022

Projects

- **EdgeGamers Organization**

Senior Technical Manager, Volunteer

<https://edgegamers.com>

2022 – Present

- Developed projects including C/C# server plugins, statistical analysis, quarterly reports, and maintenance.
- Managed and maintained multiple videogame servers, set up and separated production / development servers using automated systems including Docker, GitLab, and GitHub.
- Coordinated with a team of 26 people via GitLab to ensure tasks, goals, and issues were completed promptly.
- Managed public-facing issue trackers, working with divisional managers to assure issues were marked, responded to, and resolved as appropriate.
- Documented new policies, procedures, and systems to allow for easier onboarding and training of new members.

- **Homelab**

<https://github.com/MSWS/Homelab>

- Setup a self-hosted bare-metal Debian homelab server.
- Transitioned from Dynamic DNS to Cloudflare Zero Trust for secure remote access.
- Implemented periodic system backups using Restic with AWS and USB destinations.
- Installed Docker to host services such as Uptime-Kuma, code-server, Wakapi, Grafana, and NextCloud.

Miscellaneous

Skills: C#, Docker, Git, Google, Java, JavaScript / TypeScript, \LaTeX , Python, SQL, StackOverflow

GitHub: <https://github.com/MSWS>

Website: <https://msws.xyz>