Isaac K. Boaz

Seattle, WA • (208) 473-6497 • isaac.k.boaz@gmail.com

Experience

- **Trimble**   **Seattle, WA**
  Software Engineering Intern   *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**   **Bellingham, WA**
  CS Teacher Assistant   *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**   **Bellingham, WA**
  Student Manager   *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.

Education

- **Western Washington University**   **Bellingham, WA**
  College of Science and Engineering, B.S. Computer Science   *2022 – 2024*
  - Minor in Mathematics.
  - Graduated December 2024.

- **South Seattle College**   **Seattle, WA**
  College of Science and Engineering, A.S. Computer Science   *2021 - 2022*

Projects

- **EdgeGamers Organization**   https://edgegamers.com
  Senior Technical Manager, Volunteer   *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