Isaac K. Boaz

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Experience

- **Trimble**   **Seattle, WA**
  Software Engineering Intern   *06/2024 – 09/2024*
    - Contributed to the development of a Golang-based secrets manager.
    - 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**
  Teacher Assistant   *01/2024 – Present*
    - Worked with professors to ensure students completed assignments and understand course material.
    - Held office hours to assist students with assignments and projects.
    - Provided feedback and grades on assignments and projects.

- **Aramark**   **Bellingham, WA**
  Student Manager   *08/2022 – 12/2023*
    - Opened and closed dining halls.
    - Completed necessary bookkeeping and till counting to ensure accurate accounting.
    - Oversaw students, ensuring breaks and tasks were completed in a timely fashion.
    - 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.
    - Expected Graduation Fall 2024.
    - Expanded work stack to include LaTeX, GitHub Codespaces, and Remote SSH Development.

- **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*
    - Managed and maintained multiple videogame servers, set up and separated production and development servers using automated systems such as Docker with Git(Lab) integration.
    - Created projects varying from C/C++ server plugins to Discord bots, utilizing languages including C, TypeScript, and Python.
    - Worked with a team via GitLab to ensure tasks, goals, and issues were completed promptly.
    - Oversaw public-facing issue trackers, assigning priorities and working with management to assure issues were resolved and responding as appropriate.

- **Homelab**   https://github.com/MSWS/Homelab
    - Setup a self-hosted bare-metal homelab server with ProxMox.
    - Installed Docker to host services such as Uptime-Kuma, code-server, Wakapi, Grafana, and NextCloud.
    - Utilized Composes, SQL, Cloudflared Tunneling, Dynamic DNS, and Unix.
    - Transitioned from Dynamic DNS to Cloudflare Zero Trust for secure access.

Core Technical Skills

Services: C#, Docker, Git, Google, Java, JavaScript / TypeScript, LaTeX, Python, SQL, StackOverflow
GitHub: https://github.com/MSWS
Website: https://msws.xyz