

Joseph Houghton

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EDUCATION

Oregon State University

B.S. Computer Science

- Summa Cum Laude, 4.0/4.0 GPA

Graduation Date: June 2024

Corvallis, OR

PROJECTS

Kanji Go

CRUD Web App

- Tech Stack: Javascript ~ React ~ MongoDB ~ Express ~ Node ~ HTML ~ CSS

Dungeons & DataBases

CRUD Web App

- Tech Stack: Flask ~ MySQL ~ HTML ~ CSS ~ Javascript ~ Material Design Lite

Small Shell

Shell Program written in C

- A small shell modeled off of Bash which handles: user commands, signals, background/foreground processes, Bash special variables, parent/child processes

Random Number Generator

Shell Program written in Assembly

- A MASM x86 Assembly program which generates random numbers, then sorts them and finds the median

SKILLS & INTERESTS

- **Languages & Frameworks Used:** Python, Flask/Jinja, HTML, CSS, Javascript, Express, Node, React, Assembly, C, Mongoose/MongoDB, MySQL, Material UI
- **Tools Used:** Git, GitHub Actions, Docker, Figma, NeoVim, Visual Studio, Visual Studio Code, PyCharm, Jupyter Lab, MySQL Workbench, Jira
- **Concepts:** Agile/Waterfall Methodologies, Testing/Test Driven Development, CI/CD, Client-side/Server-side Rendering, MVC Architecture