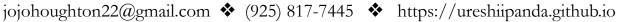
# Joseph Houghton





## **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, Java, Angular, 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
- Interests: Traveling, Language Learning, Anime, Minimalism