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# Alexander Holiman

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## **EDUCATION**

**University of Minnesota, MN - Computer Science (BA); Japanese Studies (MNR)**

- (SEP 2021 - MAY 2025) - GPA: 3.6

**Kanda University of International Studies, Japan - Study Abroad, IES**

- (AUG 2023 - DEC 2023) - GPA: 3.7

## **SKILLS**

- Proficient in Python, Java, C, and Rust; Have used in various work/projects
- Experienced with Assembly, React, JavaScript, HTML/CSS, Lua, and C++
- Familiar with operating systems including Debian/Ubuntu; Vim/NeoVim and Bash scripting
- Framework experience with Nodejs, SQL, SQLite, Django; Postman testing, PostgreSQL database set-up, and pgAdmin4 usage
- Knowledgeable using Git/GitHub and Docker; Jira/Slack previous work experience

## **PROFESSIONAL EXPERIENCE**

**NeverEnding, Cleveland OH (Remote) - Backend Developer - (MAY 2024 - AUG 2024)**

- Built and deployed features for the 2D character creator tool
- Used local Postgres database to test API calls for dev build using Postman
- Created backend functions within a Django framework
- Implemented and debugged features for a custom color palette in the app
- Contributed ideas and helped architect the color palette back-end

**BestBrains, Maple Grove MN - Coding Instructor - (MAY 2024 - SEP 2024)**

- Taught youth ages K-12 tech skills such as Python, Scratch, & HTML/CSS
- Directly explained coding concepts and assisted in learning
- Expanded ability to condense technical information to be easily understandable

## **PROJECT EXPERIENCE**

**Midas Language**

- Mini-language using Rust & NeoVim, basic parser/lexer, expression tree. Currently a work in progress, referencing the book *Crafting Interpreters* for Java/C.

**Portfolio Website**

- Custom website made with Vite, React, JavaScript, and CSS/HTML. No templates used while focused on learning front-end conventions & concepts.

**BestBrains OS GUI App**

- Navigation tool for youth created in Python, helps users find their way around various operating systems for their class using the OS library.

**NeoVim Config**

- Completely customized configuration for NeoVim using Lua for Linux OS. LSP and linting support with code actions, Treesitter, color theming, and more.

**Terminal Wordle**

- Python minigame played from terminal, emulates popular NYT game Wordle.

## **EXTRA-CURRICULAR**

- UMN CSCI TA - Computer Arch & Organization - (SEP 2024 - DEC 2024)
- UMN Data Science Club - Club Member - (APR 2024 - CURRENT)