

# WESLEY NGUYEN

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## EDUCATION

**University of Washington**

B.A in Geography: Data Science

December 2022

Seattle, Washington

## SKILLS

**Languages:** HTML, CSS, Javascript, Typescript, Python, R, SQL, Rust, Bash, Java

**Frameworks:** NodeJS, Markdown, Bootstrap, Sass, Tailwind, React, Svelte, Vue, Next.js, Nuxt.js, Vite, Express, Cypress, Flask

**Tools:** Git, Linux, Postgres, MongoDB, Flask, ArcGIS, QGIS, Docker

## PROJECTS

**wesngu28.com** | Astro, SolidJS, Tailwind

Present

- Designed and implemented my personal portfolio made in Astro, a hub for myself and my projects.
- Researched and created various versions of the portfolio using Next.js and React, before transitioning to Astro and SolidJS to reduce page load.

**Web Dev Evaluator** | Next.js, React, Rust, Python, MongoDB

Present

- Collaborated with a partner to develop a full-stack web application to evaluate and visualize Twitter sentiment regarding popular web development technologies, focusing on the backend portion.
- Learned and implemented a Rust backend using the Axum framework to connect to our MongoDB database
- Leveraged Python and the snsrape and huggingface libraries to pull tweets for various technologies and perform sentiment analysis on them.

**Procrabstinator** | Tauri, SQLite, Astro

January 2023

- Led a group of three in making a full-stack desktop application using Tauri for the TreasureHacks hackathon, placing top 10 percent in the college bracket.
- Organized the frontend UI of the app with Next.js, while also architecting parts of the Rust and SQLite backend.
- Led and produced an Astro landing page to highlight key features of the application.

**Rustboro** | Svelte, SvelteKit, Prisma, CockroachDB, SQL

Fall 2022

- Constructed a full-stack application for Pokemon featuring a challenge in which you must choose between two Pokemon which has the higher stat
- Researched and utilized Svelte with Prisma in order to facilitate communication with a SQL CockroachDB cluster.

**RhodesAPI** | Typescript, Express, Fastify, NodeJS, SvelteKit

Spring 2022

- Devised and built a RESTFUL API for the tower defense game Arknights with Express.js, utilizing a MongoDB database constructed from web scraped data.
- Researched and implemented a new version written in Fastify, to improve performance over Express.js and ensure modern features and updates.
- Wrote and deployed a documentation website made with SvelteKit to allow visualization and testing of various responses.

## WORK EXPERIENCE

**International Wood Products**, Clackamas, OR | IT Intern

July 2022 – September 2022

- Worked with a small team in preparation of server, networking and technology equipment for corporate use.
- Supported Microsoft 365 Enterprise and ERP systems, email servers, and operations for users across states.

**Amazon Fresh**, Bellevue, WA | Overnight Associate

May 2021 – July 2022

**Target**, Renton, WA | Fulfillment Expert

October 2020 – January 2021

**Newport Hills Swim and Tennis Club**, Bellevue, WA | Lifeguard

March 2018 - September 2020