

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, Tauri

Tools: Git, Linux, Postgres, MongoDB, Firebase, Supabase, 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.

Package Tracker | Next.js, React, Firebase, Tailwind

February 2023

- Led a group of three in making a full-stack web application for the TransportHacks hackathon hosted by Major League Hacking, winning best overall hack.
- Utilized Next.js and Tailwind to develop and implement the landing page, user page, and shipping label search result page with emphasis on user experience.
- Architected the backend using Firebase to provision a secure Firestore database and utilized Cloud Functions to schedule updates via cronjob on backend resources.

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

January 2023

- 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, creating a dataset of 48,000 tweets.

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