Kyle Leung

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Portfolio Site

EDUCATION

- **University of Washington** — Seattle, WA
  Bachelor - Geography Data Science; GPA: 3.88 — *September 2021 - June 2023*
  Courses: *Web Programming, Machine Learning, Database Systems, Web GIS*

SKILLS SUMMARY

- **Languages**   JavaScript, TypeScript, Python, Java, R, HTML, CSS, SQL, Bash, Rust
- **Frameworks**   React, Next.js, NodeJS, Markdown, Tailwind, Svelte, Express, Django, Tauri, FastAPI
- **Tools**   Git, MongoDB, Supabase, QGIS, SQLite, Azure

PROJECTS

- **Chatbot — FastAPI, Python, NextJS, MongoDB**   August 2023
  - Constructed a full-stack chatbot web application that answers questions about me and learns to answer more questions as the user continues chatting with it.
  - Facilitated effortless data retrieval in the frontend by integrating the MongoDB database using pymongo within my FastAPI routes allowing for read and write operations.

- **Package Tracker — TypeScript, Next.js, Tailwind, Mapbox, Firebase, Auth0**   February 2023
  - Collaborated in a group of three to build a full-stack web application that won first place overall in the TransportHacks hackathon hosted by Major League Hacking. The web app provides real-time visualization of package locations, status updates, a review system for mail carriers, and user authentication.
  - Implemented the user authentication using Auth0 as well as maps of current package location using Mapbox.
  - Assisted with front-end design and user interface using Next.js and Tailwind.

- **Replayed — TypeScript, SvelteKit, Tailwind, Chart.js, Supabase**   February 2023
  - Coordinated with a team of three to build a full-stack web application game that quizzes users based on videos from popular video games with multiple game modes. The app includes user interactivity through a comment section and video upload function.
  - Designed and implemented the UI/UX for the traditional game mode using Sveltekit, Tailwind, and Chart.js for the charts.
  - Integrated the backend using Sveltekit and Supabase to append and update the database.

- **Web Development Evaluator — Typescript, Next.js, Tailwind, Chart.js, Python, Rust.**   January 2023
  - Collaborated with a partner to synthesize a web application that visualizes sentiment and statistics data for over 90 different web development technologies. Gathered and analyzed a dataset of over 48,000 tweets.
  - Streamlined visualization of data in the form of charts and graphs using Chart.js.

- **PokeMart E-commerce — React, Express, MongoDB, and Nodejs**   December 2022
  - Translated the PokeMart store from the Pokemon games into a full-stack e-commerce web application. The site sells pokeballs and potions from the game.
  - Architected the backend to connect with the database in order to modify item stock and user login data.
  - Formulated and implemented the UI/UX in the frontend which includes a cart system, checkout system using stripe, and a login function.

EXPERIENCE

- **Global Key Advisors** — Remote
  Data Entry Intern (Full-time) — *June 2022 - September 2022*
  - Evaluated 100+ startups by scoring based on business plan, product/market fit, financial performance, and sustainability
  - Refined and analyzed datasets with 200+ rows in order to determine trading/investment strategies.

- **Uwajimaya** — In-Person
  Deli Clerk (Part-time) — *July 2019 - September 2019*
  - Managed inventory, responsible for daily close of business activities including account management, facility management, and supported ensuring physical security of the deli.
  - Managed customer relationships and orders with suppliers.