

# Kyle Leung

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Portfolio Site

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## EDUCATION

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- **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

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- **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

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- **Chatbot — FastAPI, Python, NextJS, MongoDB** June 2022
    - 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

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- **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.