

Kyle Leung

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Portfolio Site

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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.js, Next.js, NodeJS, Markdown, Tailwind, Svelte, Express, Django, Tauri, FastAPI, Vite
- Tools** Git, MongoDB, Supabase, QGIS, SQLite, Azure, JSON

PROJECTS

- 3D Gundam Simulation Game — TypeScript, SvelteKit, Tailwind, Three.js, Vite** October 2023
 - Designed and implemented an interactive 3D web application game using Three.js to showcase and manipulate 3D models in a browser environment. This game aims to envision the experience of piloting a gundam from the popular TV shows.
 - Synthesized a responsive and interactive UI/UX for web pages and during gameplay utilizing the animation capabilities of CSS and Three.js.
- Chatbot — FastAPI, Python, NextJS, React, 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 — Next.js, React, TypeScript, 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 — Next.js, React, Typescript, Tailwind, Chart.js, Python** 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.