

James Lau

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Experience:

Employment Experience:

- Undergraduate TA/Grader for Professor Menaka Abraham at the University of Washington Tacoma: Jan. 2024 - Jul. 2024
 - Assisted In: TCSS 371: Machine Organization, TCSS 496 Portfolio Based Learning, TUNIV 190 Undergraduate Seminar For Success In STEM.
 - Contact Email: mmuppa@uw.edu

Project Experience:

- Book Database (Web Development and API Server) Display: Apr. 2024 - Jun. 2024

Project coded in two separate groups where we created a back-end for the first sprint, and then required to create a front-end for another group for the second sprint. Coded in the Typescript, React, JavaScript, used with Next.js to connect to a server and generate the web application and display. Has basic functionality regarding SQL queries provided, which include deleting, displaying, adding, and updating a book.

 - **Skills:** TypeScript, JavaScript, React, Node.js, Next.js, Database Query, PostgreSQL, Git/Github, VS Code, HTML, CSS, Docker, API Documentation
 - **Links:**
 - Frontend: <https://github.com/jameslau3/TCSS460-WebAPIFrontEnd>
 - Backend: <https://github.com/jameslau3/TCSS460-WebAPI>
- Criminal Database Viewer: Jan 2024 - Mar 2024

Simple Database created with SQL Queries in a .sql file. Paired with a Windows Form App frontend coded in C#. Can perform queries depending on textbox entries.

 - **Skills:** C#, Structured Query Language (SQL), Visual Studio, SQL Management Studio
 - **Link:** <https://github.com/jameslau3/CriminalDatabase>
- DawgsTeCSSSupport (Android App): Mar. 2024 - May 2024

App designed in Android Studio, that includes these features: user authentication, user feedback system (database), text and picture display, hyperlink/button interactions, etc.

 - **Skills:** Java, Kotlin, XML, Android Studio
 - **Link:** https://github.com/mtuskan/android_app_project_sprint_1
- Simple Paint Program: Nov. 2023 - Dec 2023

Simple paint program using JavaSwing GUI, consisting of tools such as drawing lines and shapes.

 - **Skills:** Java, JavaSwing, Model View Controller Design Pattern
 - **Link:** <https://github.com/jameslau3/SimplePaintProgram>
- James Chat App Nov. 2025 - Dec 2025

Simple Chat App that connects multiple users and allows them to communicate.

 - **Skills:** C#, WPF, TCP
 - **Link:** <https://github.com/jameslau3/JamesChatApp>

Education:

- **University of Washington Tacoma:** Sep. 2022 - Aug. 2024
 - Bachelors of Science in Computer Science and Systems, Dean's List 5x, GPA: 3.66
- **Bellevue College:** Sep. 2020 - Apr. 2022
 - Associates in Arts and Sciences, GPA: 3.87

Current Employment:

- Coding Minds: Programming Instructor and Tutor Jan. 2025 - now
 - Teaching K-12 students languages, coding basics, and principles. Languages include Java, Python, Minecraft Makecode, and Scratch.
 - Hiring Manager: Kevin Gee, contact: kevin.gee@codingmindsacademy.com
- Kizuki Ramen & Izakaya: Restaurant Captain Aug. 2023 - now
 - Restaurant assistant manager position that includes tasks such as taking orders, customer service, food running, closing, bussing tables, minor micromanaging, and food ordering prep.
 - Manager: Todd Nishimoto, contact: 808-351-6073
- JMJ Enterprises: Janitorial Manager Feb. 2010 - now
 - Family-owned cleaning company. Tasks include basic cleaning, such as vacuuming, sweeping, window cleaning, bathroom cleanup, landscaping. Special projects include power washing and carpet cleaning.