Kevin Tieu

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Professional Summary

Computer Science student and technical support professional with experience in full-stack web development, concurrent systems, and systems troubleshooting. Proficient in C, C#, PHP, JavaScript, Python, Kotlin, and database technologies, with demonstrated ability to design, implement, and document collaborative software projects.

Education

Bachelor of Science in Computer Science — Expected Graduation: Fall 2026
Cal Poly Humboldt

Bachelor of Arts in Government — 2010–2014
California State University, Sacramento

Technical Skills

Languages: C, C#, C++, PHP, JavaScript, Python, Java, Kotlin, SQL, HTML, CSS
Technologies & Tools: Oracle, PostgreSQL, SQLite, .NET Framework, React, Next.js, Prisma ORM, Android SDK, Git
Other: Concurrency and thread safety, authentication systems, data acquisition / web scraping, systems troubleshooting

Projects

52 Workout Deck — Personal Android App
Kotlin, Android SDK

- Designed and built a full Android application that converts a 52-card deck into a customizable bodyweight workout with suit-based exercise assignment and progression options.
- Implemented constrained card shuffling, persistent session tracking with CSV export, splash screen, and orientation locking using SharedPreferences and FileProvider.

Type-Based — Browser Typing Game | Group Project, Senior Year
PHP, JavaScript, CSS, SQLite

- Designed and implemented a full-stack typing game with falling-letter mechanics, multiple difficulty modes, song-based word lists, and a dictionary mode offering grade-level vocabulary packs.
- Built user account creation, authentication, session handling, and persistent storage of player scores, games played, and accuracy statistics using SQLite.
- Contributed to the front-end interface, back-end PHP logic, and dictionary packs that present each word with its part of speech, meaning, and example sentence.

Multi-Connection Chat System — Updated Course Project
C# / .NET Framework

- Implemented a concurrent multi-client chat server in C# with thread-safe management of active users and message broadcasting.
- Added length bounds, basic credential validation, and consistent error handling for authentication and messaging paths.
- Structured the solution with separate server and GUI client components while applying consistent documentation.

FreeCodeCamp Classroom App — Contributor, Oct 2022–Present

- Collaborated on the open-source freeCodeCamp Classroom application to add a styled confirmation notification when a teacher copies a class invite code; the change was reviewed and merged.

Experience

ITS Student Assistant | Cal Poly Humboldt, 2022

- Provided tier-1 technical support via phone, email, and in person for computer systems, hardware, accessories, and software configuration, setup, and troubleshooting.
- Documented recurring issues and coordinated with full-time IT staff to resolve campus user requests efficiently.