Kevin Li

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EDUCATION

University of Washington - Bothell   Bothell, WA
Bachelor of Science in Computer Science and Software Engineering   *Sep. 2024 – Aug. 2026*
- GPA: 3.71

EXPERIENCE

Freelance Technical Consultant - AI-Assisted Website QA   June 2025 – Present
Swift Cleaning   *Seattle, WA*
- Collaborated with the website creator to refine and test an AI-generated site
- Identified issues in site functionality and adjusted prompts to debug and enhance AI output
- Crafted and iteratively improved prompts to guide AI tools in generating functional frontend/backend code

LEGO Program Teaching Assistant   June 2022 – Sep. 2022
Play-Well TEKnologies   *Seattle, WA*
- Assisted in teaching educational camps to K-5 via LEGOs to learn engineering techniques.
- Maintained a safe and orderly learning environment while still promoting fun
- Memorized and taught build instructions to 20-30 students at a time

PROJECTS

C Standard Library in ARM Assembly | *C++, ARM Cortex-M, Memory Management*   Apr 2025 – May 2025
- * Designed and implemented core memory C standard library functions in ARM Thumb-2 assembly
- * Handled system calls, interrupt handling, and memory management on ARM Cortex-M microcontrollers
- * Developed low-level embedded systems programming skills through hands-on implementation

Movie Rental System | *C++, Object-Oriented Programming*   Jan. 2025 - Mar. 2025
- * Implemented an abstract movie rental store database using OOP principles
- * Managed customer and movie information with custom hashing structures
- * Designed borrowing and returning functionality to simulate real-world rental operations

Pokemon Event Inventory Database | *MySQL, phpMyAdmin, SQL, HTML*   Mar 2025 – Jun 2025
- * Developed a multi-user database application for managing Pokémon card transactions at events
- * Implemented role-based functionality for merchants, buyers, and show administrators
- * Designed database schema and managed interactions using MySQL and phpMyAdmin

Swift Cleanup Website | *AI Prompting, HTML, CSS*   Jun 2025 – Present
- * Collaborated on building and testing an AI-generated website on Replit
- * Refined AI prompts, debugged functionality, and provided QA feedback to ensure a polished product

COURSEWORK

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Operating Systems, Database Systems, Web Programming and Applications, Parallel and Distributed Computing, Hardware and Computer Organization, Information Assurance and Cybersecurity, Secure Systems

TECHNICAL SKILLS

Languages: Java, Python, C/C++, ARM, SQL, HTML/CSS, R
Developer Tools: Visual Studio Code, Git, GitHub, Linux command line, MySQL, SQLite, phpMyAdmin