ANSON POON

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EDUCATION

Oregon State University   Jun 2025
Bachelor of Science in Computer Science, Honors Roll for 4 Quarters, GPA: 4.0
- Relevant Coursework: Data Structures, Computer Architecture, Algorithms, Web Development, Operating Systems

University of California, Los Angeles (UCLA)   Sep 2019
Bachelor of Arts in Architectural Studies

TECHNICAL SKILLS & CERTIFICATIONS

Languages:	Python, JavaScript, C, C++, Java, Kotlin, HTML, CSS, Bash, SQL
Frameworks & Tools:	React, Node.js, Express.js, MySQL, PostgreSQL, MongoDB, Linux, Agile, Unit Testing, Continuous Integration, Supabase, Figma, Arduino, 3D printing, Android Studio, Git, GitHub
Certifications:	UCLA-X Interior Design (2021), CodePath Android Development (2024)

EXPERIENCE

Software Engineer Intern | Teidore   Jun 2024 – Present
- Implemented efficient and scalable query execution, leading to a 40% increase in backend query performance and a 25% increase in reliability by leveraging JavaScript, Supabase, Node.js, and PostgreSQL.
- Refined and unified product database by developing AI-based web scrapers using Selenium, ScrapeGraphAI, and Llama.
- Enhanced company roadmap design and increased UI responsiveness using React, Node.js, and Tailwind CSS.
- Obtained hands-on experience with React, Tailwind CSS, Figma, PostgreSQL, Supabase, AWS, and agile methodology.

Software Engineer – AI Training (Part-time/Contract) | Outlier AI   Jan 2024 – Present
- Optimized LLMs by developing and analyzing real-world coding prompts in JavaScript and Python.
- Enhanced chatbot accuracy by identifying deviations in the AI-generated outputs.

Teaching Assistant | Oregon State University   Sep 2023 – March 2024
- Provided academic support to over 100 students in Software Engineering I class, focusing on SDLC and project planning.
- Led office hours and peer mentoring, assessed student progress, and offered guidance through grading and feedback.

PROJECTS

iHomie Android App | CodePath Android Development
- Led an agile team to develop a real estate app to browse properties, save favorites, get location-based recommendations.
- Utilized Kotlin, XML, Material Design 3, Firebase Authentication, Room, Zillow API, Git.

Care For All Electronic Health Record
- Improved medical records logging through collaborative development of a full-stack EHR database management system.
- Utilized React and MySQL, adhered to MVC design, and established REST API to streamline CRUD operations.

Mixed Reality Furnishing | OSU App Development Club Frontend Team
- Coordinated the development of a Meta Quest Pro app to furnish spaces within a mixed-reality environment.
- Developed scripts in C# to import and load GLTF model files from AWS server to headset.
- Bridged communication between frontend and backend teams during sprints to integrate controller scripts in Unity.

Dynamic Volume Equalizer
- Developed an embedded system utilizing Arduino microcontroller to automate volume levels based on vehicle speed.
- Decoded real-time GPS data to servo motor rotational angle in C++ for precise volume knob control.
- Enhanced driving safety through automation, integrated the system with 3D printed components.