Albert Sun

in LinkedIn | +642108359494 | ✉ albertsunyifan@gmail.com | ○ GitHub | Website | Auckland, NZ

Objective

Seeking a summer 2024/2025 software engineering internship to apply my software development experience at a professional level. I am ambitious, have high expectations for myself, and a quick learner.

Education

The University of Auckland | Auckland, NZ *Expected November 2025*
Bachelor of Engineering (Honours) - BE (Hons)
- Specialisation in Software Engineering
- Featured on the Engineering Dean's Honours List 2022 and 2023
- First in Course Awards for COMPSYS 201 and SOFTENG 281
- BE (Hons) GPA of 8.56/9.0 (A+)

Projects

UoA Snowsports Club Website & Booking System *02/2024 - Present*
- Contributed to a UoA Web Development & Consulting Club project to develop a website and booking system for the University of Auckland Snowsports Club
- Completed both frontend and backend tickets using **React, TypeScript, HTML, and CSS**
- Ensured bug-free code by conducting rigorous testing for assigned tickets with **Jest**
- Maintained high code quality by reviewing pull requests from other team members
- Engaged in Agile software development with weekly code review meetings

EscAlpe Room *07/2023 - 11/2023*
- Developed an AI backed RPG video game in a team of 3 using **JavaFX, ChatGPT API, and CSS**
- Implemented character movement, interactive buttons, items, and sound effects into the game
- Produced code that adheres to conventional **coding style requirements**, successfully meeting all criteria established by the university
- Received positive peer reviews from teammates, with comments highlighting **reliability, creativity, and collaboration**, resulting in a full peer review mark

Experience

A World Bridge Science Projects | New York, US *09/2016 - 06/2019*
Software Developer
- Created a website using **Bootstrap Studio** that allowed the public to view project goals
- Assembled both frontend and backend code for the website using **HTML, CSS, JavaScript, and SQL**
- Visualised vectors on an interactive globe model using the NASA WorldWind API to document UNESCO World Heritage Sites, providing convenient access for researchers
- Mentored by senior engineers in **UX design, database management, and coding practices**

Skills

- Java - Main language, completed numerous assignments, projects, and university courses with Java
- Python - Completed courses, CodeRunner exercises, and university projects with Python
- OOP - First in Course Award for relevant course (100%, A+)

- JavaFX | JavaScript | C | C++ | MATLAB | R | HTML | CSS | SQL | MySQL | DSA | Git | GitHub | SQA | RE