

Albert Sun

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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 8.35/9.0

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

09/2016 - 06/2019

Software Developer

- Developed 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