

Personal Statement

Name: Yuhao Huang (Vincent)

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Birth: 2000

<https://github.com/Vincent-Huang-2000>

University of Canterbury Bachelor's Degree

Major in Computer Science Minor in Statistics

Computer Science graduate with a deep enthusiasm for programming and practical software development. Completed several independent projects across mobile and web platforms using **React Native, React.js, Vue.js, Flutter, and Qt**. Published apps on Google Play and other platforms, reaching over 400 users. Strong ability to learn new technologies quickly, write maintainable code, and collaborate effectively in fast-paced environments.

Project Highlights

Vedic Astrology Application Using React Native (2025)

Independently designed and developed a cross-platform astrology application using **React Native** and the **Swiss Ephemeris** for high-precision astronomical calculations. Leveraged a prebuilt bridge library for Swiss Ephemeris (originally in C) and extended it with custom API bindings using Cursor AI, enhancing integration flexibility. Focused on code review, usability, and user experience design.

ERP Front-End Development Internship — Foreign Trade Company (2023)

Contributed to the front-end development of the company's internal ERP system using Vue.js and RESTful APIs. Developed several functional pages to improve data management workflows. Additionally, assisted the data analytics team by creating Python automation scripts for simple data processing tasks. This experience strengthened my understanding of enterprise software architecture, cross-department collaboration, and agile development in a real business environment.

School Projects

Developed a small game based on Java Swing, organized with UML diagrams and generated related API documentation.

Developed a small game on the Atmega32U2 microcontroller and conducted simple project management through Git.

Independently designed the front end (MUI) and back end (React) of a movie website.

Wrote a program to simulate the RIP routing protocol using Python.

Several small assignments related to algorithms.

SKILLS

Programming Languages

- Python, Java, C#, C/C++, JavaScript, TypeScript

Web Development

- Node.js, React, Vue.js

Software Development

- Qt Framework, Capacitor, React Native, Flutter

Data Analysis & Visualization

- Matplotlib, NumPy, Pandas, Power BI

AI / Machine Learning (Basic knowledge)

- Prompt Engineering for AI models
- LLM Continue Pretraining & LoRA Fine-tuning (LLaMA-Factory framework, Qwen2.5 models)
- Fine-tuning ChatGLM-6B model based on P-Tuning v2
- AI Drawing based on Stable Diffusion
- Trained Stable Diffusion LoRA models

Database

- MySQL

Multimedia Editing

- Video Editing (Vegas Pro), Lightroom, Photoshop, Luminar AI

