

JIN ZIJIE

Singapore

Software · Hardware · Design · Computing

GitHub: github.com/ttiramisu · Portfolio: jin-zijie.vercel.app

PROFILE

Student interested in software and hardware development, with experience building web applications and exploring embedded systems, PCB design, and CAD. Enjoys combining programming, design, and practical problem-solving to build useful technology projects.

EDUCATION

Hwa Chong Institution

Integrated Programme · Singapore

TECHNICAL SKILLS

Programming: Python, JavaScript, HTML, CSS

Web: React, Vite, Tailwind CSS, Flask

Backend & Data: Firebase, JSON

Tools: Git, GitHub, Vercel

Hardware & CAD: ESP32, KiCad, Fusion 360

PROJECTS

Impromptu Speech Competition System

- Built and deployed a web-based voting system using JavaScript, Google Sheets and Vercel.
- Designed for duplicate-submission prevention, vote integrity and real-time updates.

sharky

- Developed a YAML-to-Bootstrap generator for configuration-driven web interfaces.
 - Built and tested the tool locally.
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LEADERSHIP & ACTIVITIES

Chinese Debates Vice President

- Administrative, publicity and outreach work for Chinese debate activities.

CLEP Publicity Head

- Led publicity and visual communication for CLEP activities.

AYCF 2025 Publicity Committee Member · BTC 2025 Publicity Committee Member · Mid-Autumn Festival 2025 Concepts Committee, Publicity

COMMUNITY SERVICE

Touch Young Arrows

- Taught English and Mathematics to underprivileged children.
 - Adapted explanations to students' different levels of understanding.
 - Supported students in improving their academic performance.
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INTERESTS

Software Engineering
Embedded Systems
Hardware & PCB Design
Web Development
Product Design
UI/UX Design
