I-Ting (Benjamin) Chu

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Education

National Yang Ming Chiao Tung University, Hsinchu, Taiwan *Jul. 2022 – Present*
- GPA: 4.22/4.3 (Overall), 4.26/4.3 (Major); Ranking: 14/192
- Major in Computer Science
- Cross-Disciplinary Specialty: Design and Innovative Technology Program

Experience

Comp Photo Lab *Aug. 2024 - Present*
Research Assistant
- Advisor: Prof. Yu-Lun Liu
- Research Topic: Undecided

Projects

Text-based Dungeon RPG Game *Link* ⬈
- Applied Object-Oriented Programming (OOP) concepts such as encapsulation, inheritance, and polymorphism to develop game mechanics.
- Created UML diagrams to enhance system architecture.
- Tool Used: C++

Band System *Link* ⬈
- Built a platform for musicians to find band members with filters and messaging features.
- Created RESTful API backend with Flask.
- Tool Used: React, Flask, PostgreSQL

Homework Helper *Link* ⬈
- A line bot homework assistant, which allows the user to upload their PDF files, and ask questions about the given PDFs.
- Feature: Basic Q&A, Connecting to Google Calendar or Notion to upload those schedule.
- Tool Used: Python, LangChain, Pinecone, Redis, Linebot, Flask

Skills

Languages: C++, C, Python, Java, JavaScript, SQL, Shell Script
Framework: React, Vue, Flask, Tailwind, Boostrap
Techniques System Administration, Socket Programming, CCNA, Docker, Git, Linux, FreeBSD

Awards

Academic Achievements Awards (Top 5%): Fall 2022 (GPA 4.27), Spring 2023 (GPA 4.3)
Foundation Academic Course Award (Top 5%): Linear Algebra

Extracurricular Activities

President — NYCU Computer Science Student Association 2024 *Jun. 2024 - Present*
Co-leader of Development Group — 2024 Meichu Hackathon *Feb. 2024 - Present*