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國立清華大學宿舍 (NTHU dormitory), 新竹市

Links | [LinkedIn](#) [Github](#)

EDUCATION

National Tsing Hua University (國立清華大學), Taiwan

Sept 2022 - Present

- Undergraduate students pursuing *Electrical engineering and Computer Science* major
- Average **GPA 3.5**, *T-Score 50,0*

CAREER & PROJECT

ICode Indonesia, Jakarta

July 2023 - Sept 2023

Software Engineer Intern

- Create a real life problem solution using Computer vision and Machine Learning
- learn OpenCV and YOLOv8 to create an AI model
- utilize version control (git, github) for professional software development

CGV & VM Lab

Undergraduate Research Assistant, ([CGV Lab](#)) ([VM Lab](#))

Oct 2024 - Present

- Work under 2 projects for professor Hung Kuo Chu and professor Shin Hsuan Hung:
 - Dataset Visualization for Structure from motion Camera input
 - Improving Physical based realistic material generation Pipeline

Self Project

Insta-Clone, Instagram clone web-app

- Full-Stack Web dev with **react** from scratch
- Tailwind CSS for seamless UI design
- Learning to make Responsive Web Applications to Built a solid foundation in creating dynamic and responsive web applications.

Mini-chess AI, create a decision tree model to predict the best movement for minichess

- Improve basic Machine learning
- Build ML models with cpp

Team Project

Course-In, Academic system information app for NTHU

- App development using Flutter
- API calling and database management

Kitchen Learning, Machine Learning project to create AI agent to play modern video games

- Game development using Unity
- AI agent creation using *unity ml-agents* to create AI agents with reinforcement learning (PPO) algorithm

ORGANIZATION

EECS-GSA

Member of Academic affair

Mar 2024 - Present

- Organizing 2 networking events for EECS international students in NTHU
- Actively Support NTHU EECS international student community

Indonesian Student Association in Hsinchu (PPI Hsinchu)

Aug 2024 - Present

Member of Academic and career affair

- Organizing event and supporting Indonesian community in Hsinchu city
- Head of Division and Event for several events

NTHU IBP Summer camp

June 2024 - July 2024

Teaching assistant Division

- Create curriculum, prepare material and final project for Summer camp
- Teach basic C and arduino programming

LANGUAGE

- IELTS : **6.5** (CEFR **B2**) , TOCFL : **B1** - Last Taken 2022