KE-YI TANG 湯可伊

Student 2020/09 - 2025/06

National Taiwan Normal University 國立臺灣師範大學
Computer Science and Information Engineering, Geography

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Work Experience

Sep 2023 - Present
Taipei, Taiwan

Research Assistant
National Taiwan Normal University 國立臺灣師範大學

- Analysis of species similarity in various tributaries of Lanyang River
  - Analysis method and process establishment
  - Development of automated tools
- Designing GAN to Generate Dolphin Skull Images

Jul 2023 - Aug 2023
Taipei, Taiwan

Intern
YPCloud Inc 乒乓話網

- Development of system for personnel application and online store opening
- Development of Telegram chatbot

Jul 2022 - Aug 2022
Taipei, Taiwan

Intern
Sinotech Engineering Consultant 中興工程顧問社

- Rainfall analysis desktop program development
- Geographic information analysis and processing

Jul 2021 - Aug 2021
Taipei, Taiwan

Intern
Sinotech Engineering Consultant 中興工程顧問社

- Develop a program automated daily backup of meteorological data into a database.
- Digitization of landslide

NTNUFOOD

Android APP

- 150+ installations

Project

Fate of thrones: Kingdoms Collide

Unity Mobile Game

- PM and QA team leader for a 17-member Team

Assembler Implementation

SIC/XE Assembler

- Use C language

Paper Implementation

Arabic Numeral Recognition Based on Run-Length

- Use Python

Skill

- C, Python, Golang, R, Node-RED, React Native, assembly language
- MySQL, MSSQL
- Unix, Linux, Git
- ArcGIS Pro

Language

- Chinese
- English

My name is Tosha Tang, currently a fourth-year student majoring in Geography at National Taiwan Normal University, with a double major in Computer Science. I am expected to graduate in June 2025 (or potentially in December 2024).

I specialize in programming languages such as C and Python, with some familiarity in R, Golang, MIPS assembly language, Node-RED, among others. I have self-taught myself to develop Android apps using React Native, which I successfully published on Google Play. Additionally, I have experience using Python for web scraping and integrating with MSSQL for database backup tasks.

I possess strong adaptability skills, having completed software internships during three summer breaks at two different companies. Currently, I serve as a research assistant to a professor in my department, where I have demonstrated the ability to quickly adapt to different work environments and extensively self-learn various technologies to fulfill job requirements.

Furthermore, I excel in communication and teamwork. I have served as a project manager for a team of 17 individuals from diverse backgrounds, including non-computer science majors and international students, during a four-month mobile game development project as part of a school course. Throughout the project, I led the team from design, development, testing to completion, delivering multiple progress reports and a final public demo.

Outside academics, I have held positions in the departmental student association, served as vice president of a club, and organized various events. These experiences have honed my ability to think critically and solve multidimensional problems. In my leisure time, I engage in activities such as basketball, figure skating, and modeling, leading a diverse and fulfilling lifestyle.