

# Liu Zhe You

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## EDUCATION

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### National Cheng Kung University

*Bachelor of Computer Science and Information Engineering*

Tainan , TW

*Expected September 2026*

- **National Collegiate Programming Contest :** Merit Award
- **Programming Coursework :** Algorithms & Data Structures , Computer Arch , System Administration

## EXPERIENCE

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### Part-time SWE/QA

April 2022 – Present

*GLSoft company*

*Remote*

- Build automated mobile devices testing POC using RobotFramework, Selenium grid, Appium.
- Colaborate with over ten colleague on ASP.NET backend projects for customer loyalty services.

### Part-time SWE/DevOps

October 2022 – April 2023

*SimpleWay Insurance Service*

*Remote*

- Increase visibility by 20% by adding article searching, multi-file uploading, and a backstage WYSIWYG editor to the previous system structure.
- Using Git to collaborate with another developer on different branches.
- Leveraged knowledge to add new features to the existing framework and collaborate effectively with other developers.

## COMMUNITY & LEADERSHIP

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### Director/DSA Lecturer

July 2020 – July 2021

*Wuling Computer Science Club*

*Wuling Senior High School*

- Teaching C++ syntax, data structures, and algorithms to a club of 50 members.
- Increasing course engagement by 30% by leading committee members to organize diverse lectures.

### Lecturer

November 2021 – Present

*NCKU Google Developer Student Clubs Flutter Group*

*NCKU GDSC*

- Teaching Dart syntax and the Flutter framework structure in GDSC.
- Leading members to complete collaboration side projects.

## PROJECTS

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### Live Share Location | *Python3, FastAPI, webSockets, Vue, Docker, Git*

May 2023

- A POC for live share location between different users with chat, check in, posting features.
- Colaborate with only one colleague and finish the project less than 15 hours.

### HSPC Registration System | *Python3, Flask, SQLite, p5.js, Docker, Git*

February 2023

- A full-stack web app was built for users to register for the NCKU High School Programming Contest, with a backstage for administrators to confirm teams, make announcements, and respond to questions.
- Built app in MVC structure using flask and SQLAlchemy ORM to increase its maintainability and extendability.

### Access Control System | *NodeMCU, C++, Google App Script*

May 2022

- An IoT system prototype that can update gate access records to the cloud and change passwords from the backstage.
- Learn network administration by setting up reserved IP addresses, configuring port forwarding, configuring LAN DHCP settings, and configuring WAN DNS settings.

## TECHNICAL SKILLS

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**Languages:** C, C++, Python3, PHP, Java, JS, HTML, CSS

**Frameworks:** Flask, FastAPI, React, Vue

**Databases:** MySQL, PostgreSQL, MongoDB, SQLite

**Developer Tools:** Git, Docker, Github Actions, Linux, Vim