

EMAIL

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github.com/eileen0904

SKILLS

- C
- C++
- Java
- Python
- C#
- MySQL
- Linux
- Git
- Docker

LANGUAGE

TOEIC 750

SCHOOL EXPERIENCE

- Teaching Assistant for Programming Lab
- Teaching Assistant for Data Structure Lab

Hsin-Ling Chang

EDUCATION

National Central University Sept. 2024 – Jun. 2026(Excepted)
M.S. in Computer Science and Information Engineering

National Dong Hwa University Sept. 2020 – Jun. 2024
B.S. in Computer Science and Information Engineering

- GPA 4.14/4.5 | Ranking 2/50
- International group

WORK EXPERIENCE

FitTech — Taichung, Taiwan Jul. 2023 – Aug. 2023
Summer Intern, Software Develop Division

- Write a small 2D mapping project using C#.
- Conduct unit testing on the company's project.

PROJECTS

Project for Linux Operating System Course

- Use C and Linux V5.15.137 environment.
- Write a new system call so that a process can use it to get the physical address of a virtual address of a process.
- Implement a wait queue-like feature in kernel space, enabling user applications to operate via a system call.

Project for The Attack and Defense of Computers Course

- Solve CTF challenges, including attack techniques such as Pwn, SQL Injection, Command Injection, and XSS.
- Utilizing Python scripts and SQL for vulnerability exploitation and validation.

Automatic Pulse Detection and Measurement

- Integrate medical technology and image recognition to enable users to measure their pulse independently.
- Develop a fullstack website using HTML, CSS, and JavaScript for frontend, Python, Flask and SQLite for backend.
- Using OpenCV and MediaPipe to detect and measure.