林品逸

Experienced in storage optimization and embedded systems, proficient in C, C++, and Python. Specialized in SMR hard drive optimization and I/O scheduling to reduce latency.

Personal Information
1998/03/17
0929077355
joseph54870317@gmail.com
Completed military service

EDUCATION

2022-2025
National Taiwan University of Science and Technology, Graduate Institute of Electronics

2017-2021
Tatung University, Department of Computer Science

EXPERIENCE

Engage Training Program for University Students with Disability   **2023.07~2023.08**
● Developed the "Game of Life" using Python and Pygame, achieving an automated interactive simulation of cellular evolution.

Full-Duty Stationed and Non-Contact Elevator Control System   **2020~2021**
● Used Raspberry Pi 3 to connect to the Web Server and utilized the MQTT protocol for real-time communication to achieve system integration.
● Built an automated link to the elevator control system, ensuring safety and convenience for users.
● Used CoAP protocol to transmit control information to the elevator control system to guarantee the efficiency and stability of the communication process.
● Implemented infrared sensors and light-sensitive resistors to detect the elevator button status, and combined ESP32 to achieve non-contact button pressing operations, providing a contactless experience.

Administrative Student Assistant (Work-Study)   **2017.09~2024.08**

● Responsible for administrative support, facility organization, and event planning, while assisting in visitor reception and communication coordination, developing time management, organizational skills, and teamwork spirit to enhance operational efficiency and accountability.

PAPER

A Method to Reduce Read/Write Head Movement for SMR Disks   **2022~2025**
● Proposed a hybrid access architecture that combines the hardware advantages of SMR and CMR, and improved the C-Look scheduling to reduce the seek time.
● Improved system performance and reduced response time through multiple parallel processing strategies.

AWARDS

2020-2021
First Prize in the 109th Annual Innovation Project Contest of the College of Electrical Engineering & Computer Science

2021
Honorable Mention in the 109th Annual Outstanding Graduation Project Exhibition for Works in the Department of Computer Science

SKILLS

C

C++

Python

HTML