Oscar Peng

彭昱齊

oscar5206@gmail.com | 0905102986 | github.com/Oscar8050

Education

National Taiwan University   Sep 2020 - Jun 2024
Bachelor of Computer Science and Information Engineering (GPA: 3.6)
· **Courses:** Computer programming in C, Data Structures, Algorithms, System programming, Operating System, Web programming, Network Administration and System Administration, Computer Network, Computer Architecture, Machine Learning

Skills

Languages: C, C++, Python, Javascript, HTML/CSS, shell script, SQL
Technologies: React.js, Node.js, Restful API, GraphQL, MongoDB, postgreSQL, AWS, Bash, Git, Docker, Linux
TOEIC: 960

Projects

MS Bottle - A website built in React, GraphQL, and Node.js and deployed on Heroku. Users can send custom letters to random people for solving problems or chatting. url: https://web-programmingb09.herokuapp.com

Email Searcher - Using C language to analyze relationship between the senders and receivers within various data structures.

Ball and Ball – A dodging balls game made with Jack language.

Salmooc – A project in Harvard Innovative Lab. It is an educational website deployed on AWS for teaching basic concepts of computer science with problem-based learning method and case studies.   url: https://beta.salmooc.com

Experience

Sprout   NTU, CSIE
System Team   Jan 2021 – now
· An organization dedicated to providing programming courses for senior high students.
· Maintain official website for hundreds of students to enroll for programming courses.   url: sprout.tw
· Maintain Online Judge for the need of courses and add new features.

NASA   NTU, CSIE
Mail Team   Jan 2021 – now
· Maintain system and network infrastructure (mail service-smtp, imap, mx server) in my department.
· Trained in three semesters with the knowledge of DNS, container, linux, nginx, script language, etc.

PA team   NTU
Network administration   Sep 2021 – now
·Maintain all the network devices such like NAS, router, AP, server, etc.
·Manage the access to the wireless network for the team members with WPA2-enterprise authentication.

Academia Sinica   Taiwan
Intern in Network Research Lab   Jul 2022 – Aug 2022
· Open data analysis (Satellite Image, Civil IoT Taiwan data).