

PO WEN, HSUEH

✉ dobby@cmlab.csie.ntu.edu.tw [in Po-Wen Hsueh](#) [Github](#) [Portfolio](#)

EDUCATION

National Taiwan University 2022 - 2024
Master of Science in Networking and Multimedia, CMLab, Winston Hsu

- GPA: 4.23 / 4.30 [Transcript until now]
- Relevant Coursework: Deep Learning in Computer Vision / 3D Computer Vision / Applied Deep Learning / Intelligent Vehicles / Cloud Native App

National Cheng Kung University 2018 - 2022
Bachelor of Science in Electrical Engineering

- GPA: 4.17 / 4.30 [Transcript]
- Relevant Coursework: Data Structure / Algorithm / Operating System / Computer Organization / Web Development / Networking & System Admin. / SoC Design

WORK EXPERIENCE

Mobile Drive Technology July 2022 - Feb. 2023
Software, Communication Engineer Intern

- Developed a panoramic view system.
- Developed a parking slot detection network for the parking assistance system.

NCKU Modular Course Apr. 2021 - June 2022
Automation System Administer

- Managed a Linux server, web service, user database, and automated data backup.
- Maintained a course selection system (over 3000 users).

COMPETITION EXPERIENCE

2021全國大專校院智慧創新暨跨域整合創作競賽 (第二名) July - Sept. 2021
UCLab, City Feng Shui Master

- A multi-faceted living recommendation system based on convLSTM model.
- My contribution
 - Developed Frontend & Backend of webpages.
 - Utilized RESTful APIs to integrate Google Cloud Platform (GCP) services.
 - Researched relevant papers to improve prediction models.

PROJECT

Talk To Me Challenges Dec. 2022

- A deep learning project aims to predict which person in videos is talking to.

3D Computer Vision Oct. - Dec. 2022

- Implemented image wrapping, camera HDR, panoramic view, video odometry.

Web Application Foodiedate Mar. - June 2021

- A Heroku-hosted app using Vue and Express to help people find meal pals.

Embedding System Tracker Oct. - Dec. 2020

- An Arduino-based tracker prevents people with Dementia from getting lost.

TECHNICAL SKILLS

Programming Languages: Python, C++, Javascript, Arduino, Matlab, Verilog, PHP

Framework: PyTorch, TensorFlow, Node.js, Express.js, jQuery, Vue

Developer Tools: Git, Vim, Tmux, Crontab, Docker, Heroku, MongoDB, MariaDB