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*
- An app using Vue and Express to help people find meal pals.

Embedding System Tracker *Oct. - Dec. 2020*
- A 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, MongoDB, MariaDB