Tsu-En (Mikki) Hsueh

CONTACT

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EDUCATION

Institute of Computer Science and Engineering
National Yang Ming Chiao Tung University
Sep 2023 - Present

Computer Science and Information Engineering (International Group)
National Dong Hwa University
Sep 2019 - Jun 2023

WORK EXPERIENCE

全曜財經資訊股份有限公司   Oct 2022 - Feb 2023
Backend Engineer Internship

國立東華大學   Sep 2021 - Jul 2022
Teacher Assistant
The teacher assistant of Programming Lab for freshman, Data Structure Lab for sophomore, Data Structure Lab for sophomore, and Algorithm Design and Analysis.

PUBLICATION

- Tsu-En Hsueh, Min-Xiou Chen, Wei-Che Chien, "IoT Platform for Distance Contests During the COVID-19 Pandemic," IEEE International Conference on Knowledge Innovation and Invention 2022 (ICKII 2022), July 22-24, 2022, Hualien, Taiwan.

PROJECTS

Projects page

Face Mask Detection
Designed a machine learning algorithm that achieved 95.32% accuracy.
GitHub link

Harvest Moon Recipe Crawler
Crawls the dish information according to the user input.
GitHub link

NDHU CSIE+
Created a model for article review based on Word2Vec and CNN architecture, which achieved an accuracy of 97.45%.
GitHub link

Strandbeest Tug of War Online Platform
Developed a platform to make online competition for strandbeests available using IoT devices.

EXTRACURRICULAR EXPERIENCE

- Founder of Computer Science Tech Community
  Oct 2021 - Present
- Google Developer Students Club NDHU Core Team
  Aug 2021 - Jul 2022

AWARDS

- Outstanding Graduation Award (NDHU)
- 5th IEEE ICKII 2022. Best Conference Paper Award