Michelle Yeh(Szu-Chen, Yeh)

Email: michelleYeh2024@gmail.com

Phone: (+886) 0975733912

GitHub: Michelle-mm

Portfolio: https://michelle-mm.github.io/portfolio/

Education

Yuan Ze University, Taiwan -- Sep 2019 - Jun 2023

International Bachelor Program in Electrical and Communication Engineering

GPA 3.2

Skills

Programming :

- Python
- HTML
- CSS
- JavaScript
- TypeScript
- React.js

Database:

- MongoDB Atlas
- Firebase

AI:

- Deep learning
  (Microsoft AI 900 certificate)

Languages :

- Chinese - Native
- English (TOEIC: 875/990)

經歷

Graduation Project: VR 3DFace-reconstruction system

Jun 2022 - Jun 2023

- Utilized deep learning models for 3D face reconstruction.
- Implemented real-time facial motion using Blender.
- Applied advanced 3D visualization techniques and built team working ability.

Y Z U Teaching Assistant

Sep 2022 - Jan 2022

- Had been the TA of two courses, Artificial Intelligence and Deep Learning & Deep Learning with Python.
- Assisted professor in conducting courses for undergraduate students.
- Graded assignments and provided feedback, solving students' question in class and homework.

Money Split App

Summer 2024

- Rebuilt Java-based Android app using **React.js** and **Node.js.**
- Implemented full-stack **MERN** architecture with **MongoDB** and **Express.**
- Optimized performance and enhanced user interface.

UIUC Summer Intern: Rehabilitation Engineering Research Lab

Jul, 2023

- Analyzed human calf ultrasound and elastography images
- Classified images with deep learning and image recognition.
- Improved model accuracy from **50% to 80%** by combining CNN and LBP, solving the small dataset issue.
- Developed problem-solving skills in AI and machine learning
- Used front-end programming to visualize project results and implemented a model test-run function with **Python Flask**.

Extracurricular activities

Part-time job at ICCE-TW 2022
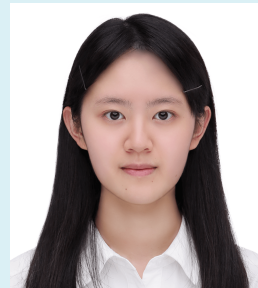
YZU Overnight Camping 2021

葉思辰 (Michelle)

Email: michelleYeh2024@gmail.com

電話: (+886) 0975733912

GitHub: Michelle-mm

個人網頁: https://michelle-mm.github.io/portfolio/

學歷

台灣元智大學　-- Sep 2019 - Jun 2023

電機通訊英語學士專班

GPA 3.2

技能

程式語言:

- Python
- HTML
- CSS
- JavaScript
- TypeScript
- React.js

資料庫:

- MongoDB Atlas (初)
- Firebase (初)

AI:

- 深度學習
  (Microsoft AI 900 certificate)

語言:

- Chinese - Native
- English (TOEIC: 875/990)

經歷

畢業專題: VR 3D-人臉重建
Jun 2022 - Jun 2023

- 運用深度學習模型進行單張2D至3D人臉重建
- 使用 Blender 實現即時面部動作
- 培養了團隊合作及運用3D視覺化技術

元智課程助教
Sep 2022 - Jan 2022

- 曾當任兩門深度學習課的助教
- 協助教授進行授課
- 批改作業並給予回饋，解決學生在課堂作業上的問題

紀錄分帳App
Summer 2024

- 使用 React.js 和 Node.js 重建基於 Java 的 Android 應用程式
- 實現包含 MongoDB 和 Express 的全端 MERN 架構
- 優化性能並改進程簡潔的用戶界面

暑期實習: 伊利諾大學厄巴納-香檳分校 復健工程研究室
Jul, 2023

- 分析人體小腿肌肉拔罐前後的超聲波圖像
- 使用深度學型與圖形辨識來對超音波圖做分類。
- 通過結合 CNN 和 LBP 技術，將模型準確率從 50% 提高到 80%，解決了資了集小的問題
- 培養人工智能和機器學習領域的問題解決能力
- 利用前端將此成果視覺化，結合Python Flask加入試跑模型的功能

課外活動

ICCE-TW 2022 打工

元智隔宿露營工作人員 2021