葉思辰

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Phone: (+886) 0975733912

GitHub: Michelle-mm

Protfolio: https://michelle-mm.github.io/portfolio/
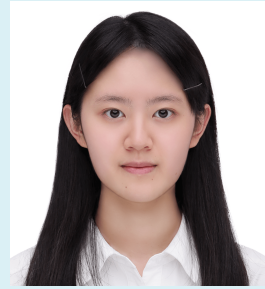
Education

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

International Bachelor Program in Electrical and Communication Engineering

GPA 3.2

Skills

- Python, HTML, CSS, JavaScript, React.js MongoDB
- 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

Converted a single 2D image into a 3D face mesh with deep learning models. Then animate the mesh with a pre-recorded human face video using Blender.

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. My job was to help students with their deep-learning questions and check their homework.

Money Split App
Summer 2024

Built a money-splitting app based on a previous project written with Java and Android Studio. Optimized and simplified the original code and added more functions like making a simple backend function with MERN.

UIUC Summer Intern: Rehabilitation Engineering Research Lab
Jul, 2023

Analyze human ham ultrasound and elastography images. Collected ultrasound and elastography image data, then analyzed the properties of the images with traditional texture analysis.

Also, classified human ham ultrasound and elastography images with deep learning and Image Recognition.

To increase the low accuracy, 50%, due to the small-dataset issue. Combined the simple deep learning structure with texture features to improve the accuracy. The final accuracy rate is about 80%.

Extracurricular activities

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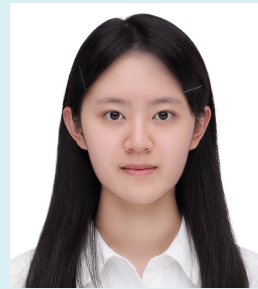
YZU Overnight Camping 2021

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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

- Python, HTML, CSS, JavaScript, React.js MongoDB(初階)
- Deep learning (Microsoft AI 900 certificate)

語言

- 中文 - 母語
- 英文 (TOEIC: 875/990)

經歷

畢業專題: VR 3D-人臉重建
Jun 2022 - Jun 2023

將單張2D影像使用深度學型模型重建出3D人臉模型及渲染出的臉皮。再利用Blender將臉皮和臉部模型合成，並使人臉模型做出與預錄影片相同臉部表情

元智課程助教
Sep 2022 - Jan 2022

曾當任兩門深度學習課的助教。幫助學生在課程與作業上解答問題。

紀錄分帳App
Summer 2024

將以前利用Android Studio和Java寫出一款簡單的分帳App重新寫出來並做一些改善。利用MERN等呈現在簡潔乾淨的畫面和做出簡單連接的後端的功能。

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音波圖與彈性影像。工作從收集數據到使用傳統影像分析與深度學習來分析影像特徵。

使用深度學型與圖形辨識來對超音波圖做分類。

為了將50%準確率再提升，將結構相較簡單的深度學習模型與紋理特徵結合去訓練將準確率提升到80%。

課外活動

ICCE-TW 2022 打工

元智隔宿露營工作人員 2021