

Chung Han Liang

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Education

National Taiwan University

MS. Computer Science

Taiwan

Sep 2020 – Feb 2023

National Central University

B. Computer Science

Taiwan

Sep 2015 – Jul 2020

Research and Experience

Research assistant

Academia Sinica, Institute of information science

May 2020 – Present

Remote, part-time

- Research on health data cleaning and preprocessing by optimization methods
- Aim to solve the inconsistency between self-report survey response data, and make subsequent analysis result reasonable

Research student

National Central University

Feb 2019 – Mar 2020

Taoyuan City, Taiwan

- Develop VR games for Alzheimer's Rehabilitation
- HRV analysis on ECG data to classify stages of Alzheimer's

Research papers

**Diagnostic and Rehabilitation System for Alzheimer's Disease
Based on Virtual Reality Technology in Rehabilitation Rooms**

with Prof Eric Hsiao-Kuang Wu and prof S. Yeh

Jul 2018 – Mar 2019

NCU, Taiwan

- Implement rehabilitation VR games based on clinical scales for Alzheimer's Disease by Unity
- Develop interface between wearable ECG device and Unity program

Skills

Languages: Python, matlab, C/C++ , R, C#(Unity)

Human Languages: Chinese, English

Developer Tools: Jupyter Notebooks, Git, VS, VS Code