Yi-Hsuan Kuo

La Jolla | og87tony@gmail.com | (310)803-0649 | https://github.com/KuoYiHsuan

Education

University of California San Diego, BS in Data Science   Sep 2023 – June 2027

- **GPA:** 3.98/4.0
- **Coursework:** Principles of Data Science, Data Structure and Algorithm for Data Science, Practice of Data Science, Linear Algebra, Calculus, Mathematical Statistics
- **Honor:** Provost Honor

Skills

- **Programming Languages:** Python, Java, MATLAB
- **Toolkits:** PyTorch, Numpy, Pandas
- **Technologies:** Google Workspace, Microsoft Office, DaVinci Resolve, Canva
- **Languages:** English, Chinese

Experience

Ever Fortune AI   Taichung, Taiwan
Artificial Intelligence Intern,   Aug 2024 – Sep 2024

- Assisted in developing a clinical-support AI designed to aid doctors in organ delineation for radiotherapy treatment planning
- Trained a human organ classification model with 98% accuracy
- Carry out error analysis project, identified the key buggy feature in training data, and fix the training dataset
- Gained hands-on experience in building AI models by performing error analysis, exploratory data analysis, model training, and optimizing training datasets

United Taiwanese Association of UCSD (UTA)   La Jolla, CA
Treasurer   July 2024 – Present

- Managed and tracked UTA's monetary and physical assets
- Sought funding sources from both on-campus and off-campus organizations
- Processed reimbursements for officers for approved expenses on behalf of UTA
- Researched and secured venues for hosting events
- Determined attendance fees for events

Projects

Recreation of Pandas' Series   Dec 2024

- Recreate the Series datatype in the Python library Pandas using Java
- Tools Used: Java

Error Analysis   Aug 2024

- Analyze the error during AI model training and fix the error to obtained a more accurate training result.
- Tools Used: Python, Jupyter Notebook, PyTorch