Kuan-Wei Huang

erichuang8077@gmail.com | Mobile 0902252216

ACADEMIC BACKGOUND

National Yang Ming Chiao Tung University **- Master of Management Information System**   **(Present ~ June 2024)**

- Expected Enrollment – September 2022

San Jose State University, San Jose **- Bachelor of Business Admin – Business Analytics**   **(Sep 2019 ~ June 2021)**

- Modules included: Quantitative Analysis, Statistical Analysis, Data visualization, Operation Management, Finances
- Academic Excellence: Member of Phi Kappa Phi Honor Society/Dean's Scholar/ Magna Cum Laude Graduate Honor

Feng Chia University, Taichung City **- Bachelor of Big Data Analytics**   **(Sep 2018 ~ June 2019)**

- Modules included: Statistics, Statistical Analysis, Programming Language
- Academic Excellence: Dean's Scholar, Academic Excellence Award

COMPETENCIES

- Python for data pre-processing and machine learning
- SPSS and Tableau for data analytics and visualization
- English – acquired 980 out of 990 in TOEIC

RELATIVE EXPERIENCES / PROJECTS

Turin, Italy **- European Innovation Academy**   **(July 2018 ~ August 2018)**

- Lead a team of 6 people and conduct business briefings on angel investors, successfully admitted to the next stage of qualifications.
- Develop questionnaires according to the target audience and conduct in-depth interviews. Collect 200+ questionnaires and conduct data analysis and visualization based on the collected data.
- Conduct market research, 4P analysis and STP strategy analysis for commodities.
- Gather relevant information about competitors, understand market positioning and pricing models using five forces analysis.

San Jose, United States **- Google San Jose Downtown West Gateway Project**   **(Fed 2021 ~ June 2021)**

- Lead a group of 5 to develop ideas. Develop Gantt charts and assign team tasks in details at each stage.
- Design questionnaires for the target audience aged 18 to 25 and conduct quantitative analysis on collected 121 to understand audience's views and needs for urban innovation.
- Fetch the category and coordinates of each storefront on Google Map using web crawler. Collect the number and location of events held in the city in the past 3 years. Convert the address into latitude and longitude for visual analysis using Google Sheet VBA.
- Create EDA and visualization of event/business distribution with Tableau. Point out the gap between the events that San Jose residents want to participate in and the existing events. Suggest possible additional regional business events and was adopted by Google.

Taipei Housing Market Price Prediction

- Conduct data cleaning, feature engineering and EDA with Pandas, Numpy, Matplotlib and Seaborn.
- Develop ensemble learning with XGBoost, CatBoost, Random Forest, KNN Regressor, and Linear Regression.
- Result accuracy of 73%.

Computer Vision

- Real-time hand movement detection using OpenCV and Mediapipe.
- Control the master volume of Windows through gestures using Pycaw.