

Kunze Wei

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EDUCATION

University of California, San Diego

- **Bachelor of Science in Cognitive Science (spec. on machine learning)** Sep.2019-Dec.2022
- Related Coursework: *Brain-Computer Interfaces, Introduction to Machine Learning(unsupervised/supervised), Business Analytics, Data Science in Practice, Modeling and Data Analysis, Systems Neuroscience*

University of California, Los Angeles

- **Master of Applied Statistics and Data Science** Sep.2023 - Present
- Related Coursework: *Mathematical Statistics, Applied Regression, Survey of Methods in Modern Statistics, Statistical Computing and Programming*

Computing Skills: Python, R, SQL, Java, JMP, Git, AWS computing

PROJECT EXPERIENCE

Image Classification

Mar.2022-Jun. 2022

- Classified and differentiated between the chest X-ray images of COVID-19 positive cases, normal lungs, and Lung Opacity (Non-COVID lung infection) with self-developed CNN
- Reviewed papers which introduced the deep learning paradigm of CNN
- Discussed in detail the development of CNN and its main features and introduced the potential limitations and applications of method of CNN
- Used CNN to process the pixel data in the image to pick up on the differences in the images of the X-rays

Marketing Research

Jan.2022-Mar.2022

- Studied how should ER Games ensure they are in line with the trends of the industry
- Conducted analysis on ER Games marketing problems and targeted customers
- Made detailed research on the existing marketing according to the sales data with Python and provided strategies suggestion based on the research
- Used JMP to conduct data analysis on industry trends and potential markets.

EEG supported VR

Jan.2022-June.2022

- Explored the possibility of using real-time EEG data to support the precision of catching eye movement; developed the extension for the VR headset in the application of game

INTERNSHIP

Shanghai ShenGong Machinery Co., LTD.

Shanghai, China

Assistant of Manager (Intern)

Feb.2021-Sep.2021

- Assisted with audits and data processing with excel and its extension plug-ins (JMP)
- Applied Python for data converting
- Supported data collection and made relevant data analysis
- Co-designed processing equipment to fix the stator of the motor

Altomni Corp.

Santa Clara, CA

Prompt Engineer (Remote Intern)

April.2024 -

- Design SOP and implementation of effective prompt strategies for the LLM to meet the business objectives.
- Analyze on prompt performance, help to identify areas for improvement and provide recommendations.
- Participate in code reviews and contribute to the development of LLM to meet the company's objectives.

EXTRACURRICULAR PRACTICE

Volunteer

2022

Supported the Chinese Student Union (CU) in organizing the Orientation Party and Chinese New Year Party