

KANGJIE CARLOS YU

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Work Permit in Spain | <https://kicarlosyu.github.io/>

PROFESSIONAL SUMMARY

STEM graduate with a passion for AI and its applications. Experienced in Python, Machine Learning, and data analysis. Proven problem-solving skills and project management experience. Proficient in SQL and Python, with hands-on experience in AI technologies like Anaconda, LLM, and recommenders.

EDUCATION

IE SCHOOL OF SCIENCES AND TECHNOLOGY <i>Masters in business Analytics and Big Data</i> <ul style="list-style-type: none">Honors in SQL, Python, Math.	MADRID, SPAIN SEPT. 2023 – JULY 2024
SUN YAT-SEN UNIVERSITY <i>Bachelor of Literature</i> <ul style="list-style-type: none">Sun Yat-sen Scholarship 1st prize (1/30 approximately 800 euros) GPA 4.0/5	GUANGZHOU, CHINA SEPT. 2018 – JULY 2023

PROFESSIONAL EXPERIENCE

KWAI CO. (TECH, INTERNSHIP) <i>AI CONTENT RECOMMENDATION OPTIMIZER</i> <ul style="list-style-type: none">Utilized video analysis techniques to discern trends among Latin American user-generated content, thereby refining recommender algorithms and enhancing the platform's video recommendation system.Conducted daily data-driven audits on over 500 Spanish short videos, ensuring compliance with eco-rules through meticulous analysis and tagging, thereby optimizing the AI-driven video selection process.	PEKIN, CHINA APRIL 2022 – AUGUST 2022
DATA ANALYTICS: EXPLORING CHINESE CULTURAL FACTORS IN SPANISH SELF-PUBLISHING <i>Data Analyst, Project Leader</i> <ul style="list-style-type: none">Employed IBM SPSS to conduct Mann-Whitney and Kruskal-Wallis tests, investigating correlations between various factors and viewer engagement.Recognized as the recipient of the "Excellent University Project" award (1/15).	GUANGZHOU, CHINA DEC.2020 – JUL. 2021
SUN YAT-SEN UNIVERSITY <i>Academic assistant</i> <ul style="list-style-type: none">Collaborated closely with professors at the Center of Latin American Studies to methodically source, structure, and distill data extracted from official websites, forums, and esteemed think tanks.Orchestrated the meticulous gathering of data from over 90 diverse universities in China, demonstrating adeptness in data collection techniques and research proficiency.Employed Excel for data visualization, facilitating clear and insightful representations of complex data sets.	GUANGZHOU, CHINA MAR. 2021 – MAR 2023

SKILLS

SQL | Python | Machine Learning | NLP | Deep Learning | Spark | MongoDB (linux) | Cloud Native Development with AWS

MAJOR PROJECTS

- BCG corporate project: Explaining and predicting customer churn. (in progress)
- Bike Rental Counts Simulator: Developed a ML model with Optuna and a Streamlit application to predict bike rental counts.
- Binary Classification of Smokers: Random Forest Model to predict smoking status.
- Lunar Lander: Fine tuning reinforcement learning model.
- Net Greenhouse Gas Emissions in Europe: Looker studio dashboard displaying greenhouse gas emissions across Europe.

LANGUAGES

Mandarin (Native); Spanish (Fluent); English (Fluent); Cantonese (Advanced)

OTHER INTERESTING INFORMATION

- Outstanding Thesis of Graduation of Sun Yat-sen University with score 95/100. (2023)
- Co-organizer of a charity bazaar in a flower market, fundraised more than 80,000 yuan (10,000 euros) donated for an infant with congenital leukemia.