KUANG-HSUAN (JACK) LEE

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EDUCATION

University of Southern California, Marshall School of Business   **Los Angeles, CA**
Master of Science in Business Analytics (STEM); GPA: 3.68   May 2025
- **Honor:** Dean's List (Fall 2023 & Spring 2024 & Fall 2024); Recipient of $6,000 University Merit Scholarship

National Taipei University   **Taipei, Taiwan**
Bachelor of Arts in Public Finance, minor in Sociology; GPA: 3.68   June 2020
- **Leadership:** President of Toastmasters International campus branch

EXPERIENCE

Tesla   **Fremont, CA**
Data Analyst Intern   January 2025 – May 2025
- Increased reporting efficiency by 80% for 4,000+ high-demand parts by building a Streamlit dashboard and end-to-end data pipelines, enabling weekly forecast evaluation and real-time adjustments for 10 demand planners
- Streamlined 50% of review processes by visualizing risk metrics for 6K parts flagged by a forecast ML model, reducing false positives by 94%, detecting 150+ weekly cases, and delivering automated alerts to planners
- Detected forecast deviation by partnering with teams and implementing a forecast performance review mechanism to analyze abnormal variability across 20K parts over 52 snapshots, using KPIs to identify high-volatility parts
- Led analysis on 3 demand surge cases by identifying and visualizing impacted targets, scope, and root causes—driving timely strategies presented in weekly meetings and delivering monitoring tools for sustained tracking
- Optimized data reliability by maintaining 5 data pipelines using GitHub Actions, SQL, and Python, consolidating 70% of critical datasets to ensure consistent weekly updates and real-time dashboard insights on a virtual machine

J. Galt Finance Suite, LLC   **Remote, CA**
Data Science Intern   June 2024 – July 2024
- Delivered user stories by gathering requirements and collaborating with a 5-person team within a Scrum framework to understand, plan, and execute 10+ projects using Trello and Lucidchart for project tracking and visualization
- Improved business intelligence by developing a sales dashboard for a team of 40+ salespeople using Python Dash and Plotly, building interactive visual reports and sales metric analytics, and designing user interfaces and layouts
- Built a cloud database architecture on BigQuery by integrating data from different sources using APIs; deployed automated data pipelines on Cloud Functions and crafted SQL data tables for various analytics purposes

Uber Eats.   **Taipei, Taiwan**
Sales Operations Analyst   June 2021 – June 2023
- Designed and maintained 3 Google Sheet dashboards to monitor financial KPIs for 70K+ restaurants across 20+ cities, improving GTM strategy insights and enabling 150+ stakeholders to make decisions based on real-time data
- Drove compliance solutions for Anti-Money Laundering Act by collaborating across 4 teams to understand business needs, constructing issue identification processes, and building actionable solutions for 85K merchants
- Led development of an Asia Pacific compliance standard by crafting SQL queries, analyzing payment metrics, and applying RFM modeling—reducing fraudulent activity by preventing 15+ incidents monthly
- Identified 100+ potential opportunities and accelerated sales target setup for 20+ managers every quarter by conducting brand integration analysis using Python for 80K active restaurant customers in Salesforce
- Documented SQL query playbooks, providing instructions and coding scripts on workflows and dashboards for users; ensured replication of methodologies by facilitating cross-functional communication to transit projects

The American Chamber of Commerce in Taiwan   **Taipei, Taiwan**
Assistant of Government Affairs   January 2020 – August 2020
- Assisted president in evaluating effectiveness of company-hosted press conferences and events by producing 10+ executive media preference reports that focus on social media impression rate and keyword research
- Created a market report by synthesizing insights from Business Climate Surveys and concerns of business leaders

PROJECTS

GitHub Web Portfolio (HTML, CSS, Google Analytics)   **August 2024**
- Designed and developed an interactive portfolio showcasing data science projects and professional experience; utilized Google Analytics to track visitor interactions and behaviors, providing insights into engagement metrics

Streaming Data Insights and Content Recommendations (KMeans, matplotlib)   **May 2024**
- Recommended content by analyzing genres and tags on top 20 streaming platforms and producing market shares
- Identified high-rating, underrepresented genre combinations using k-means clustering on IMDb and ReelGood

Modeling for Option Pricing on S&P 500 (sklearn, matplotlib, seaborn, regression, classification)   **April 2024**
- Built machine learning models to predict call option prices and benchmarked against the Black-Scholes formula
- Identified optimal models based on metrics like R-squared, MSE, and classification errors, and their interpretability

SKILLS & INTERESTS

- **Language/Tools:** SQL, PostgreSQL, Python, NoSQL, MongoDB, R, Excel, PowerPoint, Power BI, Tableau, Html, BigQuery, Git, GitHub, Google Apps Script, Salesforce, Jira, Zoho, Google Cloud Platform, ETL, Scrum, CSS