JU-WAN (LULU) LING
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Technical Skills

- **Programming Languages:** Python, R, PostGresQL, MySQL, Excel VBA
- **Operating System**: Microsoft Windows, Excel (Advanced), PowerPoints, Word, Canvas, SAP
- **Tools:** Tableau, Power BI, SQL Developer, Google Analytics, UiPath, Git, VS Code, Snowflake
- **Library:** Pandas, Numpy, Matplotlib, Seaborn, SciKit Learn, Scipy, BeautifulSoup

Experience

Financial Planning and Analysis Analyst   Jun 2023 – Jun 2024
Delta Electronics Inc. | Electronic Manufacturing   Taipei, Taiwan

- Automated invoices and purchase orders analysis using UiPath and Excel VBA, reducing manual processing time by 80% and achieving 90% accuracy in monthly accounts payable and receivable balance across 30 intercompany transactions
- Conducted reconciliation of complex inventory movements and account ending balances for the Netherlands branch's PBC, handling large-scale transactions using SQL to efficiently process vast datasets, reducing reconciliation time by 70%
- Automated accounts payable posting for cross-border transactions with Python, reducing processing time by 85% and saving labor costs by $2.5M with standardized the process globally while improving accuracy and efficiency

Tax Analytics Intern   Jan 2022 – Jun 2022
Deloitte | Big 4 Consulting Firms   Taipei, Taiwan

- Led price analysis for transfer pricing adjustment application using Excel Pivot Tables, and INDEX-MATCH to compare invoices and orders, ensuring tax compliance and saving clients $6.25 million
- Performed financial analysis for transfer pricing using Excel advanced profit formulas, Pivot Tables to analyze large databases, select comparable companies, calculate the profit range, and assess financial statements, ensuring compliance and avoiding up to $10 million in penalties
- Reduced 95% of high-risk contract renewals by conducting fraud analysis and background checks on client financial status, verifying identity and legality using public datasets to prevent money laundering and legal risks

Financial Analyst   Jul 2021 – Sep 2021
Taiwan Commerce Development Research Institute | Research Consulting Services Organization   Taipei, Taiwan

- Conducted financial and fraud analysis using advanced modeling, anomaly detection, and Excel (Pivot Tables, VLOOKUP, IF statements, Conditional Formatting) to assess COVID-19 relief eligibility, ensure equitable fund distribution, detect inconsistencies, and maintain compliance with government policies
- Automated 1,000+ daily remittances using Excel advanced function, reducing manual entry by 70% and ensuring accurate, efficient subsidy disbursements to vendors
- Prepared financial reports on relief fund disbursements using Power BI to create visual dashboards, providing government officials with clear insights to ensure project accuracy, compliance, and smooth execution of the subsidy program

Education

University of California, San Diego   Aug 2024 – Dec 2025
Master of Science in Business Analytics - Rady Fellowship Recipient

- Coursework: SQL & ETL, A/B Testing, Recommender System, Business Intelligence, Fraud Analytics, Analyzing Unstructured Data (NLP), Supply Chain Analytics, Collecting & Analyzing Large Data, Customer Analytics

Soochow University   Sep 2018 – Jun 2022
Bachelor of Economics

Projects

Predictive Analysis for Intuit QuickBooks Upgrade Ad Campaign   Jan 2025

- Conducted EDA using Data Visualization, Permutation Importance, and Partial Dependence Plots to develop ML pipelines (Neural Networks, Random Forest, XGBoost), identifying potential customer in 2nd wave
- Optimized ad campaigns through predictive and uplift modeling, increasing profit by 15% and boosting Return on Marketing Expenditure by 7%

Optimizing Mobile App Deal Targeting through Predictive Analytics   Jan 2025

- Developed predictive models to evaluate the feasibility of 10 potential new store locations, optimizing expansion strategies and increasing projected profitability by $5M while reducing expansion costs by 15% based on demographic insights
- Performed EDA using histograms, scatterplots, and correlation analysis, identifying key market potential and minimizing poor site selection risks by 30%, leading to a projected cost savings of $2M in operational expenses