JINXIN REN

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PROFILE

Data Enthusiast ready to blend my technical expertise with my diverse experiences to drive impactful business decisions.
- **Languages:** Python(Pandas/Numpy/Scipy/Keras/Seaborn/Statsmodels/Sklearn/Xgboost/Selenium/Transformers), R(Dplyr/ggplot2/Shiny), SQL(MySQL/PostgreSQL), HTML
- **Tools:** AWS, Azure, Excel, Git, HuggingFace, Jupyter, LookerStudio, Minitab, @Risk, SAS, Tableau, VS Code
- **Key Areas:** Data Mining, Predictive Modeling, Machine Learning, Generative AI, Cloud Computing, ETL

EDUCATION

Purdue University, Daniels School of Business   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management   **August 2024**

University of San Francisco, School of Management   **San Francisco, CA**
Master of Science in Entrepreneurship & Innovation   **August 2019**

President University   **Jakarta, Indonesia**
Bachelor of Science in Management   **May 2017**

PROFESSIONAL EXPERIENCE

Microsoft   **West Lafayette, IN(Remote)**
AI Solutions Intern (Purdue Industry Practicum)   **January 2024 – April 2024**
- Constructed a product description auto-generation pipeline using Microsoft Azure, reducing labor costs and time by 99% for a national grocery retailer
- Designed solutions leveraging Optical Character Recognition (OCR) and Generative AI models to transform over 110,000 product images into high-quality text information
- Implemented LLM scoring models, boosting average quality score of product descriptions by over 63%

Compass Sports & Culture Development Co.,Ltd   **Shen Zhen, China**
Director of Program Development   **April 2021 – June 2022**
- Developed partnerships between Chinese education companies and American universities, facilitating the initiation of master's online educational programs
- Crafted business case proposals detailing member roles and responsibilities, revenue distribution between two parties, course curriculum that ensured a successful international cooperation
- Directed and organized department meeting and staff training to execute company's strategy execution

Instacart   **San Francisco, CA**
Trust & Safety Specialist   **December 2019 – October 2020**
- Identified fraud patterns and conducted investigations to deter fraudulent/suspicious activities
- Utilized Zendesk to manage a queue of inbound shopper & customer appeals with time management and prioritization skills
- Resolved discrepancies in weighted produce items between in-app customer orders and real-time shopper receipts

TRI Commercial/CORFAC International   **Walnut Creek, CA**
Market Research Intern   **February 2019 – May 2019**
- Utilized CoStar, Landvision to produce Broker's Opinion of Value report, generating data to help clients make decisions
- Classified and analyzed different types of property to gather useful information
- Collected, verified, and consolidated broker's database, providing structural datasets for future use

PT. Friendship Logistics Line   **Jakarta, Indonesia**
Import Project Coordinator   **May 2016 – June 2017**
- Supervised and coordinated the full cycle of cargo transportation, ensuring timely and efficient delivery
- Prepared and managed necessary documentation for customs clearance, ensuring compliance with regulations
- Cultivated and maintained customer relationships, contributing to the signing of multiple contracts

ACADEMIC PROJECTS

- **Forecasting Retail Sales** - Developed time series forecasting models using LSTM to predict Walmart sales, achieving high precision with an RMSE below 0.55 through advanced feature engineering.
- **Airbnb 'Superhost' Influence Analysis** - Applied Difference-in-Difference (DID) regression models to pinpoint key factors affecting Airbnb hosts' revenue and evaluate the impact of the superhost badge on revenue increase.
- **Firm Bankruptcy Prediction** - Engineered data mining algorithms such as Random Forest, Neural Networks, and Gradient Boosting to classify bankruptcy using 64 indicators, achieving a 94% accuracy rate, leveraging SAS Enterprise Miner.
- **NCAA Ticket Purchase Prediction** - Created predictive models for Division I Women's Basketball customer data to forecast ticket purchases and market segmentation, with results visualized in Tableau.

CERTIFICATIONS

AWS Solution Architect - Associate(SAA-C03) | AWS Cloud Practitioner(CLF-C02) | Microsoft Azure Fundamentals(AZ-900) | Tableau Desktop Specialist | Operation Research with SAS Optimization | IBM Intro to Data Science(Coursera) | Data Analyst(Data Camp) | Associate Data Scientist - Python Track(Data Camp)