TAMMY (KUAN-CHEN) CHIU

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EDUCATION

University of California, Irvine, Paul Merage School of Business, Irvine, CA   06/2020
Master of Science in Business Analytics
  • Relevant Coursework: Statistics for Data Science, Machine Learning for Analytics, Data & Programming Analytics, Management Science for Analytics, Applied Forecast Modeling, NLP, Supply Chain Analytics

National Central University, Taoyuan, Taiwan   06/2016
Bachelor of Business Administration, Economics
  • Relevant Coursework: Mathematical Economics, Econometrics, Linear Algebra, Financial Analysis, Statistics
  • Exchange program: **Munich University of Applied Science**, Germany   09/2014 - 02/2015
      - Merit-based scholarship sponsored by National Central University
  • Activity: **AIESEC TAIWAN_NCU Branch, Vice President of Finance and Legality**   09/2013 – 08/2015
      - Managed financial resource and budget for 7 departments to ensure the sustainability of the organization
      - Provided quarterly and annual financial report to the executive board and increased entity asset from none to $17,000 within two years

EXPERIENCE

Cathay Securities, Taipei, Taiwan   03/2017 – 02/2018
Specialist/ Trader, Foreign Institutional Equity Department
  • Served FINI clients (foreign investors) in Taiwan stock market by executing ETF and basket arbitrage trades; maximum trading volume per day was $66 million
  • Built tracking models by Excel for automated monitoring of 90-day performance for individual stocks and analyzed sector movements to provide solid trading ideas and investment recommendations
  • Produced daily index report, and research reports to better understand the stock market and individual stocks for clients and leadership review
  • Tracked Taiwan major corporate events (GDR, capital reduction, M&A, etc.) to stay tight in the market movements

PROJECTS

Capstone Project, Paciolan, Irvine, CA   01/2020 – 06/2020
  • Analyzed Paciolan's client account data to explore the factors that drive account holders to purchase and renew season tickets
  • Developed ranking models to identify which accounts are more likely to renew or upgrade season tickets

MSBA Hackathon, Irvine, CA   02/2020
  • Built Airbnb clone website by using HTML, CSS and Javascript. Used Google firebase as back-end database
  • The website content includes Google API, search function, reviews and ratings

Super Bowl 54 Prediction, Irvine, CA   01/2020 – 02/2020
  • Used support vector machine (SVM) and Alteryx to predict the final scores for the Super Bowl 54
  • Accurately predicted the winning team

Stack Overflow 2018 Developer Survey – Job Satisfaction Analysis, Irvine, CA   09/2019 – 12/2019
  • Used machine learning method such as Naïve Bayes, Decision Tree, Logistic Regression, Random Forest and KNN to find out the important attributes which may influence the job satisfaction
  • According to the result, giving recommendations to the international students to know more about American workplace culture

Stock Price Forecast on Feng-Tay Enterprises Co., Ltd. (Ticker# 9910.TW)   02/2016 – 06/2016
  • Analyzed current state of footwear industry and forecasted one-year stock price by building financial models

SKILLS and ADDITIONAL

Computer: Proficient in MS Office, Python, R, SQL, Tableau, Alteryx, Snowflake, WEKA, C, Bloomberg Terminal
Languages: Chinese (fluent), French (basic)
Certificate: Qualified Securities Specialist/ Qualified Futures Specialist, Securities and Futures Institute, 2016/ 2017