Jian-Peng (Leo) Li

https://leo-resume-portfolio.webflow.io/

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Education

University of California - San Diego (UCSD)   **Expected June. 2023**

Bachelor of Economics, Data Science minor   *San Diego, California*

- **CumGPA:** 3.7 / 4.0
- **Relevant Courses**: Econometrics, Probabilistic Modeling and Machine Learning, Data Mining and Analysis (Python / JAVA), Data Base Management (SQL), Financial/Managerial Accounting, and Enterprise Finance

PROFESSIONAL EXPERIENCE

Shepherd Ventures – Black Swan Quant Research   **2022.11 – recent**

Financial Analyst (Machine Learning Team)   *San Diego, California*

- Analyzed historical stock price data around past 9 black swan events, with Python, MATLAB, and Excel
- Tested the effectiveness of k-mean protection strategies on the protection of preselected stocks
- Developing methods maximizing protection on swans and maintaining high returns during non-swan periods
- Collaborated with the research team to identify new areas of research in the black swan domain and proposed potential investment strategies to the firm's management.

Nan Shan Insurance Co., Ltd.   **2021.06 – 2021.09**

Sales and Marketing Consultant   *Taipei, Taiwan*

- Created detailed sales presentations to communicate product features and market data
- Retained consistent client base by conducting market research to develop brand strategy
- Supported clients with business analysis, documentation, and data modeling

Smartea USA Inc.   **2019.12 – 2021.03**

Store Manager   *San Jose, California*

- Managed opening and closing procedures and provided customer service as a part-time manager at Teatop Cupertino. Retained consistent client base by conducting market research to develop brand strategy
- Concurrently studied business accounting and assisted with bookkeeping for the store's income and expenses.
- Demonstrated the ability to balance work and education while maintaining a high level of performance.

MAJOR PROJECT & CAMPUS ACTIVITIES

LFM Recommender System Project   **2022.12 - 2023.03**

- Build a Yelp Recommender System using Latent Factor Collaborative Filtering to suggest businesses to users based on their past reviews and preferences.
- Enhance user experience and engagement by providing more personalized recommendations through the system.

Stock Trades Analysis Project   **2022.09 - 2022.12**

- Analyze US House Representatives' trading behaviors using web scraping, data cleaning, visualization, and scikit-learn machine learning.
- Visualize key data entries via conditional formatting to enhance understanding of findings.

Undergraduate Instructional Assistant *(University of California - San Diego)*   **2022.03 - 2022.06**

- Lead discussion sessions for 200+ students and hold office hours weekly to help students better understand the topics.
- Assisted the teaching team to prepare subject-related examination questions and corrected the deficiencies in the preparation process.

SKILLS & INTERESTS

Technical skills: Python, Java, SQL, Webflow, R, Stata, GitHub, JavaScript, HTML
Language: Mandarin Chinese (Native), English (Proficient)
Activities: Dale Carnegie Training Teaching Assistant (2018,2020)
Interests: Skateboarding, Basketball, Soccer (Lion Soccer Team), Chess Go (2 Dan), Electric Mountain Biking