

SHIH, Hsiao Ju (Jacky)

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EDUCATION

Master of Science in Business Analytics, Nanyang Technological University, Singapore **2024/07 – 2025/06 (expected)**

- GPA: 4.9/5.0
- Relevant Coursework: Data Management and Visualization

Bachelor of Science, Double Major in Finance and Accounting, National Chengchi University, Taiwan **2014/09 – 2020/01**

- GPA: 4.15/4.30
- CFA Level 1 Passed

PROFESSIONAL EXPERIENCE

Taishin Financial Holdings, Taiwan **2022/07 – 2024/06**

Corporate Strategy and Credit Analyst

- Composed 15+ credit analysis reports focusing on data-driven insights for offshore syndicated loans with average facility amount of USD 190 Mn, collaborating with stakeholders from different business units to ensure comprehensive requirements gathering.
- Led a team of 6 members to prepare presentation slides for board meetings, with topics centered around renewable energy and emerging markets, and leveraged Python to collect data and create visualization for enhanced storytelling.
- Researched cutting-edge technology, translated technical details into business language to identify potential new investment opportunities, and presented findings at a town hall meeting, effectively communicating the business implications and potential benefits to stakeholders.
- Built up risk monitoring model using Excel spreadsheet for periodic review of China A-shares by utilizing database and statistical knowledge, indicated the risky industries, and identified the driving forces behind.

Eastspring Investments, Taiwan **2019/02 – 2020/01**

Off-Cycle Intern, Research and Investment, Overseas Investment Department

- Conducted in-depth analysis of the North American SaaS sector, utilizing reporting tools to present findings and support investment decision-making and achieved 15%+ implied ROI.
- Served as a communication hub between the SG branch, tech teams, and end users to facilitate the implementation of new trading software, enhancing administrative efficiency.

ACADEMIC PROJECTS

What Factors Contribute to a Manga's Success?

- Developed a predictive model and drafted a market insight report to help manga publishers identify potential hits using data from MyAnimeList, a major ACG online forum.
- Collected and transformed data using a web crawling program and pandas, focusing on attributes like total likes, genre, target audience, serialization, and adaptation to estimate potential success factors for manga.
- Created visualizations with matplotlib to effectively communicate industry trends and the current state of manga.
- Implemented a data transformation pipeline, including data balancing by downsampling and model tuning with GridSearch and Cross Validation using scikit learn, achieving a classification model accuracy of approximately 72%.

How Have Pokémon Designs Evolved Throughout the Years?

- Analyzed Pokémon's design trends, including stats for battling, shape, color, and generation, and created visualizations for exploratory data analysis using Tableau.
- Built an interactive dashboard in Tableau to help users understand design trends from various dimensions and gain insights into Pokémon's sustained success.
- Designed visualizations to be user-friendly and intuitive, removed clutter and used aesthetic principles to highlight key messages and convey insights effectively, ensuring stakeholders could easily interpret and interact with the data.

ADDITIONAL

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- **Volunteer Work:** NCCU International Volunteer Association Northern Thailand Team, Nantou County Team
 - **Technical Skills:** Python, SQL, Tableau, Power BI, Spreadsheet Modelling
 - **Language Skills:** Mandarin (Native), English (Professional)
 - **Courses:** Complete Guide to Power BI for Data Analysts by Microsoft Press