

SHIH, Hsiao Ju (Jacky)

Mobile: (+65) 80760895 | Email: hsiaorushih@gmail.com | Portfolio: <https://hsiao-ju-shih.github.io>

SUMMARY

- **Experienced in investment research:** 2+ year work experience as a research analyst, with expertise in market research and business model analysis
- **Outstanding Data Processing Skills:** Proficient in web scraping, utilizing web APIs, and programming languages such as Python and SQL.
- **Strength in Excel & PowerPoint:** Skilled at transforming data into clear, executive-level presentations—leveraging advanced Excel modeling and storytelling through slides to drive strategic decision-making.

PROFESSIONAL EXPERIENCE

Splore, Temasek-backed AI Startup, Singapore

2025/03 – 2025/05

AI Product & Strategy Intern

- Bridged technical and business teams by building client-facing POCs using Flask, Dash, and Shiny, enhancing engagement with lead customers.
- Utilized Python and Pandas to streamline data collection (API integration) and preprocessing, enabling accurate analytics for decision-making.
- Conducted AI product research in private equity and asset management, aligning roadmap with market needs and strategic priorities.
- Worked on pipeline development and client feedback loops, translating insights into product features and experience improvements.

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 hydrogen industry, 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.
- Implemented a data transformation pipeline, including data balancing by downsampling and model tuning with GridSearch and Cross Validation, achieving a classification model accuracy of approximately 64%.

ADDITIONAL

- **Volunteer Work:** NCCU International Volunteer Association Northern Thailand Team, Nantou County Team
- **Technical Skills:** Python, SQL, Tableau, Power BI, Spreadsheet Modelling, PowerPoint slide drafting
- **Language:** Mandarin (Native), English (Professional)

EDUCATION

Master of Science in Business Analytics, Nanyang Technological University, Singapore

2024/07 – 2025/06 (expected)

- GPA: 4.79/5.0
- Merit-based Scholarship
- 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