**Hexu Yang**

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**EDUCATION**

**SINGAPORE MANAGEMENT UNIVERSITY Aug 2023 - Jan 2025**

**Master of IT in Business (Artificial Intelligence)**

Courses: Multi-agent System, AI System Evaluation, Natural Language Processing, Recommender Systems, Applied Machine Learning, Python Programing, Algorithm Design and implementation, Data Management (SQL), Data Analytic Lab (SAS Viya), Spreadsheets Modeling

**Southwestern University of Finance & Economics (SWUFE)** **Aug 2016** **-** **Jul 2020**

**Bachelor of Science in Financial Engineering**

* **Honors and Leadership**: Best Student Ambassador, 1st Prize at University-level sports competition.

**WORKING EXPERIENCE**

**Syncarta Privative Limited** –Singapore **May 2025 - Sep 2025**

**Software Engineer**

* Pioneered the digitalization of balance confirmations, reducing some of the lengthiest auditing routines by over 90% and reduced accounting redundancies for the client.
* Responsible for corporate clients in the financial industry; led a 5-auditor team to prepare the quarterly earnings and final financial report of several multi-billion-dollar financial corporations.
* Initiated the first major cross-functional collaboration between corporate finance and IT to resolve inventory data compatibility, bolstering data integrity at client companies.

**PAN-CHINA CERTIFIED ACCOUNTANTS (PCCA)** –Chongqing, China **Jul 2020 - Sep 2021**

**Business Advisory Audit**

**SOUTHWEST SECURITIES (FINANCIAL SERVICES)** – Chongqing, China **Jul 2018 - Aug 2018**

**Quantitative Intern Analyst**

**ACADEMIC PROJECTS**

**NLP(Python) Aug 2024**

* Employ Interactive Data Exploration and Analysis (IDEA) techniques with SAS Viya to better understand participants’ data and discover insights relating to household finance and joviality.

**RS (Python) Aug 2024**

* Employ Interactive Data Exploration and Analysis (IDEA) techniques with SAS Viya to better understand participants’ data and discover insights relating to household finance and joviality.

**AI System evaluation(Python) May 2024**

* Employ Interactive Data Exploration and Analysis (IDEA) techniques with SAS Viya to better understand participants’ data and discover insights relating to household finance and joviality.

**Machine Learning Aftershock Forecast (Python) Feb 2024**

* Utilized sklearn package to build Linear, Random Forest, Gradient Boosting and Neural Network machine learning models to do regressive predictions of aftershock after a main earthquake.

**Big Brother Surveillance System (SQL) Feb 2024**

* Utilized Mysql to build a schema about the Big Brother Surveillance System to store and retrieve data, also created several stored procedures and triggers for different use by coding with sql.

**Gamblers’ Profile (SAS Viya) Oct 2023**

* Use Clustering Analysis in SAS Viya to explore whether subgroups of gamblers can be distinguished by analyzing their payment behaviors using payment transaction data from a gambling digital payments service provider.

**Demographic, Household finance Analysis (SAS Viya) Sep 2023**

* Employ Interactive Data Exploration and Analysis (IDEA) techniques with SAS Viya to better understand participants’ data and discover insights relating to household finance and joviality.

**LEADERSHIP ROLES**

**Student Union of SWUFE Sep 2016 – May 2018**

**Vice Chairman**

**ADDITIONAL**

* Technical Skills: R, Python, Power BI, SQL, Excel, Machine Learning, AI
* Language Skills: English (Fluent), Mandarin (Native)
* Hobbies: Guitar