Jun-Yu Wu

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Education

National Taipei University *Sept 2021 – Jun 2025*
Bachelors of Business Administration -BBA, Leisure and Sport Management

- Cumulative GPA: 3.72/4.0
- Last 60 Credits GPA: 4.0/4.0
- **Coursework:** Database, Generative AI, Software Engineer, Data Structure, Linear Algebra

Research Experience

Research Assistant *Feb 2024 – Current*
Intelligent Financial Innovation Technology Lab (IFIT LAB, NTPU ↗)

- Conducted research on Generative AI and human collaboration by annotating the Chinese section of the PromiseEval dataset (Multinational, Multilingual, Multi-Industry Promise Verification). (Dataset Link ↗)
- Implemented credibility scoring using Cohan CAPA and performed data analysis using Excel pivot tables to organize and visualize annotation statistics.

Research Assistant - Industry-Academia Colaboration *Jul 2024 – Jul 2025*
ABC-ATEC Electronics Group

- Delivered an enterprise-grade multilingual RAG chatbot, successfully deployed on-premises in ATEC's Malaysia factory.
- Led Agile development with Git and Notion, condensed the project timeline from one year to just four months, and ensured high-quality delivery with Google Style comments and detailed technical documentation.
- Improved answer accuracy from 50% to 80% and increase response speed for 300% through rapid iteration and real-time user feedback, building a system ready for ongoing business needs.

Research Assistant - Industry-Academia Colaboration *Apr 2024 – Feb 2025*
Industrial Technology Research Institute (ITRI)

- Developed an AI-driven ESG report generation system to automate and streamline sustainability reporting for SME's.
- Integrated Generative AI, Retrieval-Augmented Generation (RAG), and fine-tuned models to enhance report quality and accuracy.
- Designed a workflow that aligns ESG reports with international standards, ensuring compliance and consistency.

Publications

First-Author Publications

Jun-Yu Wu, Min-Yuh Day. Med-TAMARA: Trust-Aware Multi-Agent Risk Assessment in Medical AI Dialogue. *Aug 2025 (Upcoming)*

Proceedings of the 26th IEEE International Conference on Information Reuse and Integration for Data Science (IEEE IRI 2025, Main Conference), San Jose, CA, USA.

Jun-Yu Wu, Cheng-Yun Wu, Bor-Jen Chen, Wen-Hsin Hsiao, Min-Yuh Day. IM-NTPU at NTCIR-18 MedNLP-CHAT Task: Evaluating Agentic AI for Multilingual Risk Assessment in Medical Chatbots. *Jun 2025*

Proceedings of the 18th NTCIR Conference on Evaluation of Information Access Technologies (NTCIR-18), Tokyo, Japan.

Jun-Yu Wu, Vidhya Nataraj, Min-Yuh Day. Generative AI in ESG Reporting: A Systematic Review.

Sep 2024

The 15th International Workshop on Mining and Analyzing Social Networks for Decision Support (MSNDS 2024), in Proceedings of the 2024 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2024), Calabria, Italy.

doi:10.1007/978-3-031-85386-9_24 ↗

Co-Authored Publications

Bor-Jen Chen, Wen-Hsin Hsiao, **Jun-Yu Wu**, Cheng-Yun Wu, Min-Yuh Day. IM-NTPU at the NTCIR-18 FinArg-2: Fine-Tuning and Prompt-Based Learning for Temporal Argument Detection and Claim Validity Assessment.

Jun 2025

Proceedings of the 18th NTCIR Conference on Evaluation of Information Access Technologies (NTCIR-18), Tokyo, Japan.

Ting-Chi Wang, Yu-Chun Cheng, **Jun-Yu Wu**, Min-Yuh Day. Enhancing the Efficiency of ESG Reporting: The Role of Generative AI in Sustainability Disclosures.

May 2025

The 36th International Conference on Information Management (ICIM 2025), New Taipei City, Taiwan.

Min-Yuh Day, Ting-Chi Wang, Yu-Chun Cheng, **Jun-Yu Wu**, Bor-Jen Chen. Developing Generative AI-driven ESG Report Generation System.

Feb 2025

The 30th International Conference on IT Applications and Management (ITAM), Kathmandu, Nepal.

Teaching Experience

Teaching Assistant *Feb 2025 – Jun 2025*
Software Engineering (MBA, IM, NTPU) (Spring 2025) [Full English Course]

- Mentored and provided feedback on final projects and case studies for 7 teams (18 students) from Thailand, Vietnam, Somaliland, France, Pakistan, and Taiwan in a Software Engineering course.

Teaching Assistant *Feb 2025 – Jun 2025*
Generative AI: Text and Image Synthesis Principles and Practice (Spring 2025)

- Responsible for grading weekly Generative AI assignments for 27 students at the undergraduate, master's, and doctoral levels.

Teaching Assistant *Sep 2024 – Dec 2024*
Python for Accounting Applications (Fall 2024)[Full English Course]

- Guided 40 students in applying Python to basic accounting and financial data analysis, covering libraries such as Pandas, NumPy, Matplotlib, and Scikit-Learn.

Teaching Assistant *2 *Aug 2024 / March 2025*
Generative AI Workshop, New Taipei City Government

- Developed training materials and guiding 80+ civil servants in hands-on AI applications
- Achieving a 98% participant satisfaction rate.

Extracurricular & Leadership

Minister of Public Relations & Technical Core Team Member *Jul 2024 – Jun 2025*
Google Developer Group on Campus, National Taipei University

- Secured NT$350,000 in sponsorships (1,650% above KPI), significantly boosting club resources and event execution.
- Coordinated 10+ tech events with 500+ attendees and led two major projects (HoopUp, Club Linebot).

Faculty Advisor *Dec 2021 / Mar 2025*
Basketball Club A, Taoyuan Senior High School

- Mentored and inspired over 150 students, cultivating foundational basketball skills and a passion for Basketball.

Varsity Basketball Head Coach *Dec 2021 / Jun 2024*
Taoyuan Senior High School

- Led 70+ varsity players in 50+ games and 1,000+ hours of training, achieving strong team performance.

Event Director *Jul 2023 – Jun 2024*
Department Student Association, National Taipei University

- Organized 6 large-scale student events, engaging 200+ participants and enhancing campus community.

Pool Team Player *Nov 2022 / Nov 2023*
National Intercollegiate Athletic Games, Taiwan

- Competed as a pool player representing National Taipei University, finishing top 9 in the National Intercollegiate Athletic Games.

Event Director *Jun 2022 – Jun 2023*
Guitar Club, National Taipei University

- Organized and performed 10+ music performances and 18 club workshops, achieving 3,500+ total participations.

Vice Captain *Jun 2022 – Jun 2023*
Department Basketball Team, National Taipei University

- Led the team to 1 championship and 2 runner-up finishes in campus basketball tournaments.

Chief Director of Event Planning & Marketing *Jul 2022 – Jun 2023*
National Music Competition - Best Win Award

- Organized one of Taiwan's top three university music competitions, attracting 250+ teams and co-hosting the Bei Yun Music Festival (3,000+ attendees, 60+ vendors).
- Developed an innovative marketing strategy and LINE Bot to connect event attendees with sponsors and local businesses.

Marketing Core Team Member *Jul 2022 – Apr 2023*
Run To Fly Marathon

- Launched the first family category and interactive challenges, attracting 700+ family participants and 2,000 total race registrations.
- Managed social media, growing Facebook and Instagram pages to 2,700+ followers and reaching 180,000+ people during the event.

Public Relations Core Team Member *Nov 2021 – Jun 2022*
National Music Competition - Best Win Award

- Drafted professional PR letters, managed media and sponsor relations, increasing event exposure and engagement.

Awards & Honors

- Academic Excellence Award *1
- NTCIR-18 MedNLP-CHAT - Best Presentation Award
- NTCIR-18 FinArg 2 - Best Presentation Award
- NTCIR-18 FinArg 2 - Best Poster Award

Side Projects

NovaPet - A Virtual Pet Chrome Extension

- Built a Chrome extension featuring an AI-driven virtual pet with evolving personality, interactive reminders, and daily engagement tasks.
- Tools Used: Python, JavaScript, HTML, CSS, Firebase, OpenAI API, GIT

CrediPick - AI-assistant to maximize cashback rewards and recommend credit cards

- Developed a LINE bot and Chrome extension that recommends the best credit card for each purchase scenario to maximize cashback rewards.
- Tools Used: Python, Firebase, , CSS, Firebase, OpenAI API, GIT

GDG on Campus NTPU - Official LineBot

- Created and maintained a LINE bot for campus club notifications, event reminders, and Q&A, supporting RAG and advanced prompt engineering.
- Tools Used: Python, ChromaDB, FastAPI, Trello, RAG, Prompt Engineering, GIT

HoopUp – App for University Basketball leagues.

- Led a cross-functional team to develop a mobile app for basketball league scheduling, statistics tracking, and player community features.
- Tools Used: Flutter, Azure, Dart, C++, CMake

Technologies

Languages: Python, JavaScript, HTML, CSS, SQL

Tools: Git, Agile, Docker, Notion

Database: PostgreSQL, SQLite, Firebase, ChromaDB (Vector DB)

GenAI Skills: RAG, Prompt Engineering, Fine-tune, LlamaIndex, Langchain, AI Agent, NLP