

## SUMMARY

High-achieving Information Management MS (GPA 3.98) with full-stack development experience at TSMC and advanced AI training at ITRI. Proven track record of bridging business-tech gaps at Winbond and managing 200+ participant field experiment. Seeking a Software Engineer or Technical PM role to deliver scalable, user-centric enterprise solutions.

## PROFESSIONAL EXPERIENCE

### TSMC Summer Intern | Tainan, Taiwan | 2024.07 - 2024.09

- Project: Comprehensive Daily Change Platform
- Problem & Impact: Addressed operational risks in a 24/7 fab where frequent system changes could trigger equipment anomalies and cause multimillion-dollar wafer scrap losses.
- Technical Implementation: Developed a full-stack web application using Python, React. Engineered an automated Data Loader to ingest and centralize cross-departmental and chronological change data into a unified SQL table.
- Business Value: Delivered a centralized dashboard that drastically reduced Root Cause Analysis (RCA) triage time for on-site engineers. Promoted an AI workflow roadmap for automated rollback SOPs to mitigate scrap risks and decrease engineer on-call frequency.

### WINBOND ELECTRONICS Summer Intern | Kaohsiung, Taiwan | 2023.07 - 2023.09

- Project: Enterprise Data Dictionary Development Project
- Key Achievements: Designed and implemented a user-friendly Data Dictionary interface for non-technical business units. Documented technical metadata and SQL query logics to bridge the communication gap between technical and operational teams.
- Honors: Awarded 3rd Place in the final internship project symposium among numerous competing teams.

### ITRI Advanced Software Program | Taipei, Taiwan | 2026.04 - Present

- Advanced Technical Training & PM Skills: Upskilled in Machine Learning, Deep Learning, Image Processing, and Data Analytics; mastered rapid prototyping and timeline management to deliver full-stack data applications utilizing AI-assisted development (Vibe Coding)

## SKILLS

- Programming Languages: Python, JavaScript, SQL, Java, HTML / CSS
- Data & AI Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, OpenCV, LangChain
- Web Development: Flask, React, Full-Stack Web Architecture
- Tools & Methodologies: Git (Version Control), Agile Development (AI-assisted Vibe Coding), Database Design
- Core Competencies: Data Ingestion Pipelines, Rapid Prototyping, Timeline Management, Cross-functional Communication

## EDUCATION

### NATIONAL SUN YAT-SEN UNIVERSITY

#### Master of Science in Information Management | Kaohsiung, Taiwan 2023.09 - 2025.12 GPA: 3.98

- Thesis: Research on the Impact of Generative AI Conversational Systems on Elderly Well-being.
- Key Actions: Orchestrated a 3-month field experiment, partnering with 7 community centers to onboard and train 200+ elderly participants for a 3-week technology trial.
- Key Takeaways & Contributions: Mastered strict timeline control and cross-institutional communication. Successfully bridged the digital divide for seniors and proved GenAI's significant positive impact on their emotional well-being.

#### Bachelor of Science in Information Management | Kaohsiung, Taiwan 2019.09 - 2023.06 GPA: 3.82

- Core coursework in Data Structures, Database Management, and Graduate Graduation Project.

## ADDITIONAL INFORMATION

**Languages:** English (Fluent, CEFR B2+ / Pre-Advanced / TOEIC 800, 3 months intensive immersion study in San Francisco, USA); Mandarin Chinese (Native); Japanese (Conversational).

**Interests:** Enthusiastic about building side-projects, exploring GenAI workflows, making coffee, travel, music, and dancing.