

Kuan-Wei(Rome) Lin

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Supply Chain Optimization Business Analytics
Data Analysis & Synthesis Strategic Planning
Data Visualization Project Management

Technologies: Python, SQL, R, Tableau, HTML, CSS, JavaScript, Microsoft Azure, Microsoft Excel
Languages: Mandarin Chinese, English

EDUCATION

Master of Science in Information Management | University of Washington – Seattle June 2025c
Specialization in Data Science & Business Intelligence
In-progress Coursework: Data Structures & Algorithms, Machine Learning, Business Analytics, Data Engineering
Bachelor of Arts in Business Administration | University of Washington – Seattle Sept.2021-Mar.2023
Specialization in Logistics & Supply Chain Management

PROFESSIONAL EXPERIENCE

Industrial Modeling Engineer | Micron Technology, Inc. | Taichung, Taiwan Aug.2022-Aug.2023

- Strategized long-term capacity planning and accurate timelines of capital investment to ensure on-time delivery of business plans and new product Introduction (NPI).
- Developed and integrated key production parameters into intelligent spreadsheet models for DRAM capacity planning, increasing planning accuracy by 30 percent.
- Organized and analyzed semiconductor production data through SQL and Python to improve manufacturing efficiency and optimize capital expenditure.
- Collaborated with personnel across the company to enhance the DRAM manufacturing process, addressing bottlenecks, and successfully mitigated capital expenditure by \$10 million in FY2023.
- Enabled FY23-24 \$6M cashflow push out through capacity maximization strategies and collaboration with key stakeholders.

INTERNSHIP EXPERIENCE

Business Development Intern | Makalot Industrial Co., Ltd | Taipei, Taiwan May.2021-Sept.2021

- Oversaw two product lines for Gap Inc and achieved an eight-figure sales target within six months.
- Enhanced client satisfaction and fostered business growth by understanding and addressing client needs promptly, managing relationships, and responding to inquiries.
- Led product development initiatives through collaborative efforts with suppliers and cross-functional teams, ensuring on-time project delivery and fostering effective teamwork.

Supply Chain Internship | Top Gear Leather Co., Ltd | Taoyuan, Taiwan July 2020-Sept.2020

- Examined the company's manufacturing bottleneck and developed strategies to reduce cycle time by 1 week.
- Utilized Microsoft Excel to analyze the company's historical sales data, conducting a comprehensive evaluation to forecast demand for raw materials supply.

PROJECT EXPERIENCE

Retail Relational Database Project | University of Washington | Seattle, WA Sept.2023-Current

- Apply data normalization techniques to establish and create a database for retail businesses using MSSQL.
- Employ SQL server management studio (SSMS) to execute procedures, triggers, and queries to ensure data integrity and extract valuable insights from data to drive business intelligent solutions.

Seattle Restaurant Data Engineering Project | University of Washington | Seattle, WA Sept.2023-Current

- Design and implement a flexible data architecture supporting multi-model formats, including document, graph, and relational.
- Build and monitor ETL pipelines using Azure Data Factory to extract and load on-premises data into Azure SQL Database for data analysis.
- Utilize Power BI for dynamic and insightful data visualization and reporting.