

Cheng Wang

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EDUCATION

Cornell University, College of Computing and Information Science | Ithaca, U.S.A. May 2025
Master's in Information Science (GPA = 3.79/4.0)

- Relevant Coursework: Data Mining and Machine Learning, Database Systems, Digital Business Strategy

National Taiwan University, College of Management | Taipei, Taiwan Jun. 2023
Bachelor's in International Business (GPA = 3.9/4.0)

- Relevant Coursework: Programming for Business Computing (Python), Big Data Marketing
Business Analytics Program

- Relevant Coursework: Statistical Data Analysis for Business and Management, Marketing Analytics

LANGUAGES AND SKILLS

- Languages: Mandarin Chinese (native); English (fully fluent, C2); Japanese (business level, JLPT N1)
- Programming Languages and Tools: Python, R, SQL, Databricks, GitHub, Azure DevOps
- Statistical Methods: Hypothesis Testing, Machine Learning with Regression and Classification
- Generative AI Engineering: Embedding Pipelines and Evaluation, RAG Architecture Design, Prompt Engineering and Optimization, Evaluation and Experiment Management with MLflow
- Data Engineering: Data modeling, ETL/ELT, Workflow Orchestration, Medallion Architecture Design, SCD Design and Implementation
- Certifications: Databricks Certified Machine Learning Professional, Databricks Certified Generative AI Associate, Databricks Certified Data Engineer Associate, Databricks Certified Data Analyst Associate

RELEVANT EXPERIENCE

Senior Data and AI Consultant at arcbricks | Tokyo, Japan Oct. 2025 – Present

- Leveraging Databricks to formulate transformation strategies while managing stakeholder relationship
- Led a team consisting of 4 Vietnamese Engineers and Japanese Consultants to deliver a Proof of Concept of a RAG solution across 900+ unstructured files for a leading Japanese semiconductor player
- Implemented a RAG model end-to-end with Databricks from model tuning, prompt engineering, evaluation, and experiment management with MLflow with a groundedness score of over 86%

Consultant Intern at beBit TECH | Taipei, Taiwan Feb. 2022 – Jun. 2022

- Executed consumer, industry, and market research to support the formulation of over 3 digital transformation strategies based on methodologies such as user-centric design and net promoter score
- Consolidated and assisted 5 in-depth consumer interviews of a fast fashion e-commerce platform with equipment such as eye-trackers to obtain insights on customer journey and user experience

Strategy Intern at RedPeak | Taipei, Taiwan Aug. 2021 – Dec. 2021

- Spearheaded a brand analysis of an automobile lighting manufacturer with over \$90,000,000 in yearly revenue through market analysis and executive-level interviews, successfully fostering a lasting partnership
- Refined Go-To-Market Strategies based on consumer and market research across 8 industries, such as consumer electronics, software, food, and more, directly facing enterprise C-level stakeholders

SELECTED PROJECT & RESEARCH EXPERIENCE

Ecolab Food Safety Audit Question Recommendation System Feb. 2025 – May 2025

- Engineered a RAG system that provides an action based on over 600 FDA audit questions for Ecolab
- Utilized Databricks to deploy a Zero-Shot model with a knowledge base consisting of 5 data sources

Estimation and Visualization of Flood Damage in Taiwan ([link](#)) Jan. 2025 – Feb. 2025

- Aggregated data from five different sources, compiling over 7,000,000 flood observation entries
- Developed a Tableau dashboard to visualize geospatial data of 84 flood events across five years

Customer Segmentation and Business Analysis Report Based on Transaction Data ([link](#)) Jan. 2025

- Generated a business analysis report from over 540,000 entries of transaction data of an online retail
- Defined 4 behavioral indexes as features for K-Means Clustering and identified 3 distinct clusters