
EDUCATION

CARNEGIE MELLON UNIVERSITY – TEPPER SCHOOL OF BUSINESS

Pittsburgh, PA

Master of Science in Business Analytics - MSBA

5/26

An interdisciplinary graduate program designed to provide students with deep analytical skills, business knowledge and creative problem-solving expertise needed to efficiently and effectively transform data into better decision making and a competitive advantage for their organization.

- Honor: Tepper Merit Scholarship
- Selected Courses: Statistical Foundations of Business Analytics (pending), Modern Data Management (pending), Analytical Marketing (pending), Risk Analytics (pending)

PEPPERDINE UNIVERSITY

Malibu, CA

Bachelor of Arts in Economics, Minor in Data Science

7/24

- Leadership: Vice President, Robotics Club
- Honor: Keck Research Grant and Scholarship
- Selected Courses: Machine Learning, Calculus III, Linear Algebra, Econometrics, Micro/Macroeconomics

EXPERIENCE

SWAN INDUSTRIES (THAILAND) LTD

Bangkok, Thailand

Business Development Analyst

8/24-7/25

- **Leadership & Communication:** Led a six-person team to optimize credit risk modeling and presented to senior management, resulting in new credit scoring policies that align analytics with business decisions.
- **Applied ML & Data Engineering:** Transformed over 50 years of historical client payment records and financial statements into a structured SQL database, providing clean, queryable inputs for training a deep learning-based credit risk model. Integrated credit risk predictions into Power BI dashboards to segment 5,000+ accounts and \$200M in receivables by risk tier, reducing credit assessment time by 50%.
- **Experimentation & Causal Inference:** Partnered with the finance team to address late client payments. Conducted randomized A/B testing to evaluate incentive structures (dynamic discounting vs. third-party financing vs. baseline terms), measuring on-time payment rates and DSO (Days Sales Outstanding). Results showed dynamic discounting reduced late payments by 20%—now adopted as company policy.

KECK DATA SCIENCE INSTITUTE, PEPPERDINE UNIVERSITY

Malibu, CA

Research Fellow, Keck Scholars Fellowship

5/24-8/24

- **Platform Design & ML Optimization:** Designed an open-source RC car platform for accessible and affordable AI education. Built data pipelines in Python to collect and preprocess vision data, then optimized navigation performance through model tuning and real-time testing, resolving control instability and achieving 99% accuracy. Co-authored manuscript emphasizing strong adoption in classrooms and positive learner feedback, submitted to IEEE Intelligent Vehicles.
- **Deep Learning Research & Data Engineering:** Spearheaded an end-to-end research project on esports analytics. Collected and cleaned gameplay data, engineered structured datasets, and applied feature extraction to capture match dynamics. Developed and trained a deep learning-based outcomes predictor for two-player fighting games, achieving high accuracy; published as first author in Lecture Notes in Computer Science, Vol. 15046 (Springer), and presented at the 19th International Symposium on Visual Computing.

LIECHTENSTEIN GLOBAL TRUST

Bangkok, Thailand

Data Analytics Intern

6/23-8/23

- **Market Research & Analytics:** Analyzed U.S. commercial real estate trends, lease expirations, pricing, and rental rates in collaboration with Hong Kong analytics team, contributing to 20M CHF increase in assets under management.

SKILLS

- Python, SQL, C++, R, TensorFlow, scikit-learn, Power BI

INTERESTS

- Video gaming, Brazilian JiuJitsu

