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## EDUCATION

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### 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

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## EXPERIENCE

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### SWAN INDUSTRIES (THAILAND) LTD

Bangkok, Thailand

#### *Business Development Analyst*

8/24-7/25

- **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.

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## SKILLS

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

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## INTERESTS

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- Video gaming, Brazilian JiuJitsu

