TOSHIHIRO MATSUO

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Education

Singapore Management University   Aug.2024 - Dec.2025
Master of Quantitative Finance
- The MQF curriculum is tailored to meet the needs of the financial industry in three key areas: pricing and hedging, risk analytics and management, and quantitative trading and investment

World Quant University   Oct.2023 - Aug.2024
Master of Science in Financial Engineering
- Learning finance theory and projects, how to run simulations using Python algorithms, portfolio management, and risk management, and gaining practical skills to succeed in the industry

Chuo University   Apr.2019 - Mar.2023
Bachelor of Laws
- Studied international law, economics, and international relations, specializing in researching poverty issues within capitalism and their relationship to meritocracy, as well as poverty and human rights in the international community

Internship Experience

REAPRA   Jun.2024 - Present
Entrepreneurial Support Intern
- Entrepreneurial support services for portfolio companies
- Compiled learnings from support with the team and prepare materials and assist in meeting with potential entrepreneurs

Freelance
Investment Advisor (Sole Proprietor)   Jan.2024 - Jun.2024
- Prepared investment materials on U.S. equities for clients and date and time reports on U.S. equities

SIC.co   Apr.2023 - Sep.2023
Data Analyst Intern
Tool：Python, TensorFlow, Scikit-Learn, My SQL
- Improved predictive models using LightGBM and TensorFlow, resulting in an AUC-ROC value increase from 0.837 to 0.927
- Uncovered a previously unrecognized correlation between coupons and customer return rates, leading to material strategy changes by the management
- Reduced customer churn by 2% with proposed changes to a coupon strategy, resulting in boosting sales by $13,888 per store and increasing monthly sales by 9.8% YoY
- Developed an internal website using React in collaboration with designers, enabling employees to access current sales and revenue projections
- Built an image classification model using YOLOv8, enabling the successful capture of the missing demographic information of customers
- Developed a Django application to perform customer segmentation including filethe uploading of files, data conversion, and visualization

Volunteer Experience

Skills : Communication, Problem Solving, Perseverance, Leadership
Kokotomo   May.2020 - Jun.2021
Online volunteer for lending an ear to LGBTQ and those withdrawn from society

Kizuki   Jul.2019-Dec.2019
Volunteer for Supporting those who had withdrawn from society

Certificates

TOEFL   Jan.2024
GRE (Quant 170 / Verbal 169)   Mar.2024
AI for Trading - Udacity   Jul.2023

Activities

Investment   Apr.2019 - Dec.2022
Turned $10,000 into $140,000 using the Cup with Handle method by William O'Neil while in university