

Ryan Dzuy Khoi Ho

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SUMMARY

Current university student previously studying abroad at the American University of Paris in France, with the University of Southern California. Global exposure and experience in addition to years of personal financial and market investing helps develop fresh and analytical approaches. Interests in machine learning applications to financial markets, business and geopolitical strategy, data analysis, and venture capital.

EXPERIENCE

CEO

ryoh inc

May 2020 - Now, Saratoga, CA

- Applying machine learning techniques to financial markets, creating quantitative models to find intraday market inefficiencies
- Designing systematic/quantitative strategies to implement trading decisions/rules, ~1s execution time
- Managing a personal portfolio with quantitative strategies accounting for 11~ % return

Datacenter Systems Technician

TEKSystems

July 2019 - August 2019, Santa Clara, CA

- Supported Microsoft & ZTSystems in the configuration and maintenance of servers within data centers.
- Worked in both small and large teams effectively to complete projects.
- Communicated with team members in order to identify and correct deviations of installation according to company documentation.
- Manage project execution to ensure adherence to budget, schedule, and scope, reducing installation time by 25%

PROJECTS

Algorithmic Trading Framework

2020

- Designed framework allowing interaction between trading models and brokerage API in order to automatically execute trades and manage positions according to predesigned rule-set

Quantitative Trading Models

2020

- Create thesis of market movement, preprocessed data using Pandas/NumPy, and trained various machine learning models using PyTorch/TensorFlow/scikit, backtested against historical data in order to find existing relationships/patterns to trade on

EDUCATION

Bachelor of Science in Business Admin

Minor in Computer Science • University of Southern California • Los Angeles, California • 2023

Study Abroad

American University of Paris • Paris • 2019

INVOLVEMENT

Member

University of Southern California • Trojan Investing Society • 2020

Member

University of Southern California • Trojan Real Estate Association • 2020

SKILLS

Python

Java

TensorFlow

PyTorch

Data Science

C++

Financial Analysis

Quantitative Modelling