

Quinn Hawkins

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EDUCATION

Bentley University

Candidate for BS/Masters in Finance, May 2024

Relevant Coursework

- Investment Applications of Natural Language Processing
 - Intro to Machine Learning
 - Quantitative Investment Management (Graduate)
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EXPERIENCE

PLANT Group

Data Science/Machine Learning Intern (Sep 2023 - Present)

- Analyzed and rectified discrepancies in datasets, enhancing data integrity.
 - Evaluated reinforcement learning model outputs to optimize performance.
 - Used prompt engineering to streamline data extraction through algorithmic queries to the OpenAI API.
 - Visualized ML model data, simplifying complex insights for diverse stakeholders.
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RELEVANT PROJECT

Data Collection and Analysis on Limit Order Book Using PyTorch

- Spearheaded a self-directed research project to collect and analyze limit order book data.
 - Employed machine learning architectures such as transformers, reinforcement learning, and CNNs for time series data analysis.
 - Self-taught C++ to meet the performance demands of reinforcement learning tasks.
 - Developed a trading actor using Decision Transformers, key in constructing an optimal portfolio from uncorrelated equities.
 - Highlighted practical applications of advanced machine learning techniques in finance.
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COMPUTER SKILLS

- Python (including TensorFlow, NumPy, Numba, Pandas)
- C++ (focused on reinforcement learning applications as well as parallel processing/threading)
- Proficient in Linux terminal environment
- OpenAI API (chat completion as well as assistants API)