Grant Galatas

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EDUCATION

Northwestern University   Evanston, IL
B.S. in Industrial Engineering and Management Sciences (IEMS)   *Graduation Date: June 2024*
- Minors in Data Science & Engineering, Entrepreneurship   GPA: 3.4/4.0
- Relevant Coursework: Financial Engineering, Data Engineering, Statistical Learning, Stochastic Models, Statistics

SKILLS

Programming Languages: Python, R, SQL, MATLAB, LaTeX, C++
Technologies: Tableau, Pandas, NumPy, PySpark, Scikit-learn, Docker, Microsoft Azure, AWS (S3, Athena, MWAA, EC2), Apache Airflow, GitHub, Git, Microsoft Office (Word, Excel, PowerPoint, Outlook)
Other: Project Management, Communication, Entrepreneurship, Generative AI Prompt Engineering, Critical Thinking, Problem Solving, Leadership, Teamwork, Creativity, Organization, Presentation Skills, Patience, Curiosity

EXPERIENCE

Global Product Data Analyst Intern   June 2022 – September 2022
American Century Investments (ACI) – Competitive Analysis Team   *Kansas City, MO*
- Automated data cleaning and imputation tasks with Python scripts saving approximately 4-8 hours per project.
- Built ETL data pipelines combining multiple data sources to provide easy and automatic access to data.
- Updated and automated data visualization methods for the team with Tableau.
- Analyzed competitor funds using quantitative and qualitative methods to identify opportunities for ACI.

Summer Assistant   June 2019 – August 2021
Caravan Trailer LLC   *Kansas City, MO*
- Optimized the workshop by performing time-saving tasks to assist other employees.
- Efficiently restocked and managed inventory in the Parts department.

PROJECTS

Fundamental and Quantitative Investing | *Investing & Trading*   July 2022 – Present
- Selected growth and value stocks & ETFs, to craft a personal portfolio using fundamental analysis.
- Optimized the portfolio with quantitative analysis in Python to create an efficient frontier, optimize asset weighting, and portfolio rebalancing.
- Conducted market analysis using Hidden Markov Models (HMM) to identify market regimes.
- Coded a volume-weighted moving average algorithmic trading strategy to paper trade select cryptocurrencies and learn the market dynamics of cryptocurrency.

Data Engineering | *Course Project*   March 2023 - June 2023
- Trained different Machine Learning Models (Random Forest, Logistic Regression, & SVM) to classify a dataset.
- Evaluated performance of classification models under different testing conditions and determined that the Logistic Regression model performed the best.
- Constructed a Directed Acyclic Graph (DAG) in Airflow to automate the processes in the project and provide the final results. Used AWS tools (S3, EC2, MWAA) to build DAG and run on other dataset variations.

HONORS AND AWARDS

2023 IMC Prosperity Trading Contest | *Trading Game Team Lead, 58th Place out of 8000+ teams*
Tau Beta Pi Engineering Honors Society | *Top IEMS Student & Demonstrated Exemplary Academic Character*
2023 Farley Bay Area Quarter Program | *1 of 17 Entrepreneurs Selected for Inaugural Entrepreneur Cohort*

EXTRACURRICULAR ACTIVITIES

Northwestern FinTech Club | *Northwestern's Premier Quant Finance Club*   September 2022 – June 2024
Northwestern TPED | *Northwestern's Theme Park Engineering & Design Club*   September 2020 – June 2024
Northwestern Quiz Bowl | *Competitive Academic Trivia Game*   September 2020 – June 2024
The Garage: Tinker Program | *Introductory Entrepreneurship Program*   September 2022 – December 2022
Northwestern Investment Management Club | *Investing & Finance Club*   September 2020 – December 2022