Giulia Talà

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EDUCATION

Politecnico di Milano July 2025
B.S. Management Engineering

Liceo Scientifico Tradizionale Enrico Fermi June 2022

SKILLS

Programming Languages: C, Python, HTML, CSS, Javascript
Tools: Git/GitHub, VS Code, Office package, LaTeX
Frameworks: OPENBB, Streamlit
Libraries: pandas, NumPy, Matplotlib, Keras, Scikit-learn, seaborn

Languages: Brazilian Portuguese (native), Italian (second language), English (C1), Spanish (A2)

PROJECTS

NASDAQ Correlations using RNNs | *Python, Keras, Matplotlib, pandas, numpy* July 2024
- Explored and analyzed NASDAQ correlations utilizing Recurrent Neural Networks (RNNs).
- Utilized pandas, a powerful data manipulation and analysis library for Python, along with NumPy for efficient numerical computing, in preprocessing and cleaning the data for the RNN model.

Market's Seasonality Website | *Python, numpy, pandas, OPENBB, Streamlit, VS Code* May 2024
- Developed a web platform to study market seasonality using Python, with a focus on utilizing numpy and pandas for efficient data handling and analysis.

Study on Long Term Behavior on Leveraged ETFs | *Python, numpy, pandas, OPENBB* May 2024
- Conducted an in-depth study on the long-term behavior of leveraged ETFs using Python.

Freelancing Web Design | *HTML, CSS, Javascript* November 2023-Present
- Worked as a freelancer in the development of websites, tackling front-end functionalities, web hosting, and negotiation with clients.

EXPERIENCE

Head of Software Engineering at POLIMI Starting Finance Club | *Head* January 2024 – Present
Involved in the club and head of the Quantitative Finance division.

- Managed to receive 4.500€ in funds from Politecnico di Milano for the association's activities.
- Active in the team of Quantitative Finance as head of software engineering, manager of projects and recruitment.

Financial Engineering | *Masterclass* January 2024
Participated actively in the course provided by Starting Finance covering topics related to my field of studies and the one of quantitative finance.

Python for Financial Analysis | *Masterclass* February 2024
Dove deeper into my understanding of the applications of Python onto the field of finance, with the course provided by Starting Finance.

Tutoring | *Tutor* 2019 – Present
Tutored high schoolers in math, physics, and english.