

# Maxime Soulard

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## EXTRACURRICULAR ACTIVITIES & LEADERSHIP EXPERIENCE

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Association EmseFinance, École des Mines de Saint-Étienne Jun. 2024 – Jun. 2025

- Organizing events to **promote financial markets at École des Mines**, a field that remains underrepresented in the curriculum.
- 5<sup>th</sup> place in the first Nextwise Mines Challenge: the challenge involved 85 engineering students competing individually to manage a €50k portfolio over 2 months.
- Organized interviews with alumni who are in the finance sector which allowed me to have a better understanding of the domain and develop my network

Association Mines Étude et Projets, École des Mines de Saint-Étienne Apr. 2024 – May. 2025

- **Active Member of the Junior Enterprise** – Business Relations Officer: contacted companies to assess their needs and provided tailored solutions to address them.

## PROJECTS

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Trading bot based on market data Sep. 2024 - Jan. 2025

- Utilizing time series analysis for accurate forecasting.
- Implementing ARIMA models for predictive analytics and trend identification.
- Analyzing historical data to identify patterns and inform trading decisions.
- Positioning based on technical analysis to determine optimal entry points in the market.
- Conducting backtesting to validate the performance of the trading bot against historical data.
- Integrating risk management techniques to optimize portfolio performance and minimize losses.

## EDUCATION

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École Nationale Supérieure des Mines de Saint-Étienne Sep. 2023 - Sep. 2026

- Master's degree in Engineering with a major in Data Science
- **Relevant Courses** : International Finance, Macro/Microeconomics, Probability & Statistics, Time Series, Machine learning, Big Data.

Classes Préparatoires aux Grandes Écoles Sep. 2021 - Jul. 2023

- Intensive Program focused on Mathematics for entrance to top French Engineering Schools

## Experience

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STEVISS - intern in the operational team Jan. 2024

- Involved in the entire fabrication process of filters and technical fabrics for the aluminum industry
- Collaborated with 20 different professionals, enhancing my versatility

## SKILLS, ACTIVITIES & INTERESTS

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- **Languages:** English (Fluent), French (Native).
- **Technical Skills:** Python, R, VBA.
- **Interests:** Sports (Football, Swimming, Bodybuilding), Investing in financial markets.