

NICOLA FOCHI

Basel, Switzerland
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CFA Level I candidate

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EDUCATION

Università della Svizzera Italiana USI Swiss Finance Institute <i>Master's in Finance, Minor in Quantitative Finance</i> - Focus: Investments, Financial Econometrics, Statistics, Numerical Methods - Electives: Programming in Finance, Arbitrage Pricing, Financial Intermediation	Lugano, Switzerland Sept. 2023 – Present
University of St. Gallen HSG Swiss Finance Institute <i>Swiss Mobility Program</i> Focus: Machine Learning, Asset Pricing, Derivatives, Applied Quantitative Asset Management, Business Process Mining and Engineering	Saint Gallen, Switzerland Feb. 2025 – Jun. 2025
Università Commerciale Luigi Bocconi <i>Bachelor's in Economics and Finance</i> - Focus: Quantitative Methods for Finance, Corporate Finance, Monetary Economics - Final Thesis: Martingale Strategy Applied to Financial Markets	Milan, Italy Sept. 2019 – Mar. 2023
Universitat Pompeu Fabra <i>Exchange Program</i> Focus: Strategic Management, International Relations, Organization in Public Administration	Barcelona, Spain Jan. 2022 – Jun. 2022

PROFESSIONAL EXPERIENCE

Helvetia Insurance <i>Intern, Quantitative Modelling and Analytics</i> - Conducting Master's thesis in collaboration with Helvetia (QMA Team), focused on developing an automated system to streamline the Request for Proposal (RFP) process. - Designing a smart database with embeddings and implementing semantic search using Hugging Face models and ChatGPT APIs, reducing compilation time by over 50% and generating potential savings of CHF 100,000+.	Basel, Switzerland Jun. 2025 – Nov. 2025
Mediobanca Premier <i>Summer Internship, Assistant to the Area Manager</i> - Assisted the Area Manager in the daily tasks, including analyzing the performance of various funds and clients' portfolio. - Designed and implemented a script to automate the compilation of onboarding documents, generating up to 90 pages per client for hundreds of clients per financial advisor. This solution drastically reduced processing time and manual effort across thousands of pages.	Parma, Italy Jul. 2024 – Sept. 2024
Privilege Student Venture <i>Intern, Investment Manager</i> Evaluated startups by conducting in-depth market and financial analyses to identify investment opportunities, while also organizing events to strengthen relationships between start-ups, students, and investors in Ticino and Milan.	Lugano, Switzerland Oct. 2023 – May 2024

PERSONAL EXPERIENCE

Sugochat Small business community platform that I've founded during the pandemic to source and trade exclusive products with significant supply-demand gaps. - Developed Python-based automation tools for data scraping, API integration, and real-time sales management. - Implemented dynamic pricing and optimized trading processes, enabling transactions on 1,000+ items at up to 5x retail value.	Milan, Italy Feb. 2020 - 2023
University Projects – Python Python Package Development: Built a Python package for portfolio analysis that includes modules for calculating essential financial metrics. Additionally, it features advanced tools for generating graphical outputs, performing Monte Carlo simulations, and monitoring stock news while analyzing sentiment. The package was selected to be presented to students in the following academic year. Twitter and Stock Return Analysis: Developed a Python script to scrape S&P 100 stock compositions and related tweets. Exploited ChatGPT API to perform sentiment analysis, creating and backtesting four portfolios based on tweet volume and sentiment (bullish/bearish). Trading Project: Designed a fully customizable trading bot for Interactive Brokers. The bot includes features for setting minimum indicators before opening positions and integrates a true/false trending signal setting.	Lugano, Switzerland Dec. 2023 – Present

SKILLS AND LANGUAGES

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| <ul style="list-style-type: none">Programming languages: Python – Advanced, SQL - ProficientCertificates: European Computer Driving License – 2020, Bloomberg Market Concepts (BMC) – 2023, Bloomberg Environmental Social Governance (ESG) – 2023, Bloomberg Finance Fundamentals – 2023Awarded scholarship for CFA level I (2026) | <ul style="list-style-type: none">Italian: Mother LanguageEnglish (C1): IELTS Academic 7.5 / 9 (2023)Spanish: (B1)Software: Microsoft Office, Camunda, SalesforceHobbies: Weightlifting, Programming, Reading classic literature and behavioral finance books. |
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