

# Matteo Avigni

Software Developer & Data Analyst (Quantitative Finance)

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## TECHNICAL SKILLS

Python (Flask, Tkinter, Data Analysis)

SQL (MySQL, Data Maintenance)

HTML/CSS/Javascript (UI Development)

R (Numerical Analysis, Web Scraping)

Google Cloud Platform (Cloud Run, Serverless)

PowerBI

Quantitative Analysis & Financial Markets

## LANGUAGES

### Italian:

Mother tongue

### English:

Fluent

## PROFESSIONAL EXPERIENCE

### Python Developer, Data Intelligence Team

Jan 2024 — Current

Quaestio Capital Management, Milan (IT)

- ▶ Software development and data analysis, focused on the Data Intelligence Team.
- ▶ End-to-end data management, from acquisition to visualization.
- ▶ Creation of interactive dashboards and reporting for all company areas.

### Personal Project: Financial Quiz Simulator

Apr 2025 — Current

Self-Developed, Milan (IT)

- ▶ Development of a Tkinter desktop application for simulating financial consultant quizzes.
- ▶ Used Python (frontend) and GCP Cloud Run (serverless backend to manage the login).

### Financial Analyst

May 2023 — Dec 2023

Mediterranean Shipping Company, New York City (US)

- ▶ Created new financial reports for company management using SQL and PowerBI.

### Python Developer

Dec 2020 — Apr 2023

Quaestio Capital Management, Milan (IT)

- ▶ Automated internal processes using Python.
- ▶ Developed Flask/JavaScript interfaces for backend interaction.
- ▶ Developed dashboards for Investment Management and maintained the MySQL database (financial market data and Time Series).

### Quantitative Analyst

Mar 2019 — Dec 2020

Pharus Asset Management, Mendrisio (CH)

- ▶ Maintained and developed quantitative investment strategies.
- ▶ Improved the efficiency of internal management procedures using Python.

## EDUCATION

### Master's Degree in Mathematical Engineering (Quantitative Finance)

2017 — 2019

Politecnico di Milano, 100/110

- ▶ Thesis on crypto-asset diversification (in collaboration with Digital Gold Institute).
- ▶ Focus on stochastic calculus and pricing of exotic financial instruments (Monte Carlo/Closed Formulas).
- ▶ Six-month period as an Erasmus student at TU Wien (Technical University of Vienna).

### Bachelor's Degree in Mathematical Engineering

2013 — 2017

Politecnico di Milano, 92/110