

# Matteo Avigni

Software Developer & Data Analyst (Quantitative Finance)

📍 20134 Milano (IT)

☎ +39 347 7318 108

✉ avignimatteo@gmail.com

🌐 matteoavigni.github.io

🌐 @matteo-avigni-35b2b3140

🐙 @matteoavigni

## TECHNICAL SKILLS

Python (Flask, Tkinter, Data Analysis)

SQL (MySQL, Data Maintenance)

HTML/CSS/JS (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