



# PIETRO DI LEO

## PROFESSIONAL SUMMARY

Operations Officer | R and Python skilled | Financial data analysis, portfolio optimization, risk modeling and data-driven investment projects.

## ADDRESS & CONTACTS

Triq Qrejten, Hamrun (MLT)

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## LANGUAGES



## EXPERIENCE

### Zarattini International Ltd - Floriana (MLT)

#### Operations Officer | June 2023 - Ongoing

- Communicating with clients for accounts statements and portfolio evaluation, in addition to the previous tasks

#### Junior Operations Officer | Feb 2022 - June 2023

- Managing market orders, deliveries, payments, corp. actions, dividends and custody of financial instruments

### ZP Services Ltd - St. Julians (MLT)

#### Investment Advisor | Nov 2021 - Jan 2022

- Managing a portfolio consists of derivatives & stocks, and advising retail clients for new investment opportunities

## EDUCATION

### Bachelor in Economics

Università degli Studi di Catania (IT) | 2018

### Masters Degree in Quantitative Finance

Università di Perugia (IT) | 2024

## PROJECTS ON GITHUB

### Empirical Comparison of S&P 500, IVV, and Fidelity Contrafund (R)

- 10-year analysis comparing passive vs. active fund performance using GARCH, regression, and portfolio optimization (Mean-Variance, Mean-CVaR)
- Full project in R on [GitHub repository](#).

### Portfolio Risk Calculator (Python)

- Developed a Python tool to compute key risk metrics (Sharpe Ratio, CVaR, Max Drawdown) for ETF portfolios using yfinance and pandas
- [GitHub repository](#).

### Structured upskilling Roadmap repo on the Portfolio.

## TECHNICAL SKILLS

- Programming & Tools:** R, Python, Jupyter, GitHub, RStudio
- Finance & Libraries:** Backtesting, GARCH, CVaR, Portfolio Optimization, 'quantmod', 'pandas', 'yfinance'

## CERTIFICATIONS

### Introduction to Securities and Investment

Chartered Institute for Securities & Investment (CISI) - Aug 2025

### Data Analyst with R

Datacamp - October 2024

### Matlab Onramp

Mathworks - May 2023

### Course 101: An Introduction to Funds and ETFs

Malta Stock Exchange plc - Feb 2023