



# PIETRO DI LEO

Quantitative Finance  
Graduate |  
Python & R Data Analyst |  
Portfolio Risk &  
Backtesting

## CONTACTS

+356 9970 13 64

[dileopie@gmail.com](mailto:dileopie@gmail.com)



## FROM OPERATIONS TO DATA ANALYSIS

Dear Neo Group Team,

Hamrun (MLT),  
28th August 2025

I am writing to you to express my interest in the **Crypto Trading Analyst** position in Malta. Master's Degree in *Quantitative Finance* with **3 years of hands-on experience in custody operations**, and a proven ability to **learn quickly and deliver practical results**:

- **Understanding financial operations**: For over three years, I've worked as an **Operations Officer** at *Zaratini International Ltd*, managing client requests, transfers, corp. act. and portfolio operations involving stocks, bonds, forex, crypto, and derivatives, understanding risk exposure, client needs, and regulatory constraints. Please find the reference letters below;
- **Applying skills with Real Projects**: I'm currently upskilling in **R, SQL, and Python** to transition into *data-driven finance* roles. Rather than just following tutorials, I apply what I learn to real-world problems: a) built a **Portfolio Risk Calculator in Python** that computes Sharpe Ratio, CVaR, and drawdowns from live asset data. Conducted a **10-year empirical analysis**, comparing the *S&P 500 index*, *iShares Core S&P 500 ETF (IVV)*, and *Fidelity Contrafund* using *R*, *GARCH models*, and *backtesting*. Both projects, in addition to upcoming works, are available on my **Github profile**;
- **Contributing from Day 1**: You won't need to spend lots of months training me. For every single aspect of the job, I'll focus on real questions:

"Is active management worth the fee?"

"How much risk is in this portfolio?"

"Can we automate this report?"

I work fluently in English, live in a time zone ideal for EU/UK collaboration (based in Malta); I'm looking for a team that values **curiosity, discipline, and practical impact**. I'd welcome the opportunity to discuss with you about collaborations / full-time positions in *Data analytics, fintech, asset management, or wealth tech*.

Sincerely,

**Pietro Di Leo**



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## FROM OPERATIONS TO DATA INSIGHTS

Dear Evolution Team,

Hamrun (MLT),  
28th August 2025

I am writing to you to express my interest in Data Analytics/Commercial Analyst role in Malta. With a Master's Degree in Quantitative Finance and 3 years of hands-on experience in custody operations, I am now transitioning into data analytics-driven with a focus on real-world applications in business insights. To bridge into data-driven roles, I've been actively building technical expertise in Python, SQL, Tableau, and modern data tools, with a focus on practical impact:

- Built a Portfolio Risk Calculator (Python): pulls live market data and computes Sharpe Ratio, CVaR, and drawdowns - directly applicable to data validation and risk reporting;\_
- Conducted a 10-year empirical analysis (R): I wrote my Master's thesis using R, GARCH models, and backtesting to compare S&P 500, IVV, and Fidelity Contrafund - demonstrating strong analytical rigor and data storytelling. In **addition to upcoming works**, they are available on my Github Profile;\_
- Developing a Player Behavior Analysis Project: simulating casino session data, where I apply SQL for cohort analysis, Python for trend detection, and Tableau to visualize engagement patterns. This project reflects my proactive approach to mastering the tools and domain logic relevant to your business.

I work fluently in English, live in a time zone ideal for EU/UK collaboration (based in Malta); I'm looking for a team that values curiosity, discipline, and practical impact. I'd welcome the chance to discuss how my background in financial data and emerging expertise in data engineering can support your team's goals.

Thank you for considering my application - I look forward to connecting.

Sincerely,

Pietro Di Leo



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## FROM OPERATIONS TO DATA INSIGHTS

Dear Evolution's Team,

Hamrun (MLT),  
28th August 2025

I am writing to you to express my interest in **Junior Data Analyst** roles in Malta. Master's Degree in *Quantitative Finance* with **3 years of hands-on experience in custody operations**, I am now transitioning into data analytics with a focus on **real-world applications** in finance and technology. To bridge into data-driven roles, I've been actively building technical expertise in Python, SQL, and modern data tools, with a focus on practical impact:

- **Built a Portfolio Risk Calculator (Python)**: pulls live market data and computes Sharpe Ratio, CVaR, and drawdowns - directly applicable to data validation and risk reporting;
- **Conducted a 10-year empirical analysis (R)**: I wrote my Master's thesis using R, GARCH models, and backtesting to compare S&P 500, IVV, and Fidelity Contrafund - demonstrating strong analytical rigor and data storytelling. In addition to upcoming works, they are available on my **Github Profile**;
- **Upskilling Python, R, SQL & Tableau**: I'm excited by your team's investment in modernising data systems. The opportunity to optimise data flows, build dashboards, and automate validation processes aligns perfectly with both my technical trajectory and my problem-solving mindset, focusing on solving tangible problems like:

*"Can we automate this report?"  
"How much risk is embedded in this portfolio?"  
"Is active management delivering value?"*

I work fluently in English, live in a time zone ideal for EU/UK collaboration (based in Malta); I'm looking for a team that values **curiosity, discipline, and practical impact**. I'd welcome the chance to discuss how my background in financial data and emerging expertise in data engineering can support your team's goals.

Thank you for considering my application - I look forward to connecting.

Sincerely,

Pietro Di Leo



# PIETRO DI LEO

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Graduate |  
Operations Officer |  
Portfolio Risk &  
Backtesting

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[dileopie@gmail.com](mailto:dileopie@gmail.com)



## FROM OPERATIONS TO DATA INSIGHTS

Dear Mr. Zammit,

Hamrun (MLT),  
27th August 2025

I am writing to you to express my interest in the **Corporate Actions Officer** role in Malta. I have a Master's Degree in *Quantitative Finance* and **3 years of hands-on experience as Operations Officer at Zarattini International Ltd**, mastering middle-office functions and a strong focus on accuracy and process optimisation.

In my current role I manage daily operations for funds and transfer agencies (mainly institutional clients), covering the following task below:

- **Payments, transfers and incoming entries;**
- **Market orders, deliveries, FX, futures and forwards;**
- **Dividends, coupons and corporate actions (stock splits, right issues...)**
- **Accounting movements and reconciliations for client accounts;**
- **Detailed client reporting, including account statements and portfolio evaluations.**

This experience has given me a comprehensive understanding of full lifecycle of securities operations and corporate actions, as well as the importance of risk monitoring for the clients. Furthermore, I have been expanding my technical skills in Python, R and SQL, using them to improve data analysis and flow; this initiative translates into additional efficiency for the team.

I'm fluent in English, Italian and Spanish, based in Malta and motivated to continue my career with a dynamic and growing institution such as Me Direct (since 2004), **contributing to the Operations team** with my practical operations skills and problem-solving mindset.

I would welcome the opportunity to discuss how my background and skill can add value to Me Direct Bank's Operations department. Thank you very much for considering my application.

Sincerely,

Pietro Di Leo



# 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)

+356 9970 13 64

[dileopie@gmail.com](mailto:dileopie@gmail.com)



## 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

To Whom It May Concern,

I am writing to recommend Pietro Di Leo. As CEO of Zarattini International Ltd, I have had the pleasure of working with Pietro for the past two years, during which he has primarily served the Company as Operations Officer.

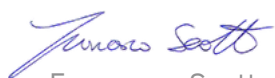
Pietro is a highly skilled and dedicated professional with a strong passion for financial markets and data analysis, despite his main role being in operations. His enthusiasm in understanding market trends and leveraging data-driven insights has been evident throughout his tenure at our organization.

While Pietro's primary responsibilities revolved around operations management, his keen interest in financial markets and data analysis has been a driving force behind his outstanding performance. He consistently sought opportunities to apply his analytical skills to enhance our operational processes and optimize client portfolios.

Throughout his tenure, Pietro has demonstrated exceptional attention to detail, a strong work ethic, and a proactive approach to solve problems. His ability in meeting deadlines and delivering high-quality results has greatly contributed to the success of our operations.

I am confident that Pietro's combination of technical expertise, passion for financial markets, and commitment to excellence make him the perfect candidate for roles related to financial markets and data analysis. I highly recommend Pietro and am available for any further inquiries you might have.

Kind regards,



Francesco Scotto  
Chief Executive Officer  
francesco.scotto@zarattini.com.mt

**Zarattini | International**

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Saint Anne Street FRN  
9011 Floriana Malta  
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Mob. +356 9934 2017



UNIVERSITÀ DEGLI STUDI  
DI PERUGIA

DIPARTIMENTO DI ECONOMIA

June 26, 2024

To Whom It May Concern,

I am pleased to write this reference letter on behalf of Pietro Di Leo.

As a Professor of Financial Markets and Institutions, I met Pietro Di Leo when he was attending the "Private Banking and Asset Management" lessons during his Master's in Finance and Quantitative Methods for Economics at the University of Perugia.

Pietro was an outstanding student, brilliant, proactive, ready to help other students and responsible. I was his supervisor for his final thesis on "Comparing S&P 500, ETF iShares Core 500, and Fidelity Contrafund." Pietro was autonomous, rigorous, reliable, and always on time.

He is strongly committed to achieving his goals, open to working in teams, and always looking for learning opportunities and international experiences. I am available to provide more information about Pietro; it will be my pleasure.

Kind regards,

Paola Musile Tanzi  
Professor of Financial Markets and Institutions, Department of  
Economics, University of Perugia  
[paola.musiletanzi@unipg.it](mailto:paola.musiletanzi@unipg.it)  
+393355607982

Malta, 20 August, 2025

To Whom It May Concern,

I am writing to provide a reference for Mr Pietro Di Leo, who has been serving as Operations Officer at Zarattini International. I have had the pleasure of working closely with him, as his manager, and have consistently been impressed by his professionalism, empathy, and unwavering dedication.

Pietro is an exceptionally reliable and responsible professional. He approaches every task with diligence and integrity, ensuring that even the most complex operations are executed flawlessly and with full compliance. His attention to detail and deep knowledge of the operations domain makes him an invaluable asset to the organization.

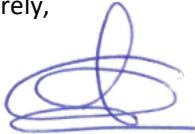
What sets him apart is not only his technical and operational expertise but also his strong interpersonal skills. He is genuinely empathetic and client-oriented, always striving to understand and address clients' needs in a thoughtful and effective manner. His ability to build and maintain trusting relationships—both within the team and with external stakeholders—is a testament to his character and professionalism. In his operations officer role, he has consistently demonstrated the ability to inspire his colleagues. He works with clarity, confidence, and emotional intelligence, creating a work environment that fosters collaboration, accountability, and continuous improvement.

His contributions have significantly enhanced the value and reputation of Zarattini International. He is not only a team player in the department but also a respected voice across the company.

I wholeheartedly recommend Pietro for any opportunity that aligns with his talents and experience.

Please feel free to contact me if you require any further information.

Sincerely,



Mercedes Valentin Moreno  
Head of Operations mercedes.moreno@zarattini.com.mt  
56, Europa Centre Saint Anne Street FRN 9011 Floriana Malta  
Tel. +356 2779 1110



Dear Hiring Manager,

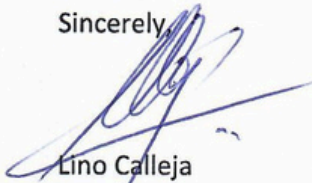
I am writing to highly recommend Pietro Di Leo. During my tenure as Chief Operations Officer at Zarattini International Ltd, I had the pleasure of working with Pietro for one year before my retirement. In his role as Operations Officer, Pietro consistently demonstrated outstanding professionalism and dedication.

Pietro managed client interactions, financial transactions, and portfolio evaluations with meticulous attention to detail. His effective communication and commitment to excellence were evident in every task he undertook. Additionally, Pietro exhibited a strong interest in financial markets and data analysis, continually enhancing his skills to derive valuable insights.

Pietro's work ethic, positive attitude, and collaborative nature made him an invaluable team member. He consistently delivered high-quality results and went above and beyond to ensure our success.

I am confident that Pietro will excel in any role related to financial markets or data analysis. His expertise and passion make him an exceptional candidate, and I wholeheartedly recommend him.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lino Calleja', with a stylized flourish extending from the end.

Lino Calleja

+35679703620

Former Chief Operations Officer,

Zarattini International Ltd