

# NUNO TIAGO MARTINS

## TRADER, MSc

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## EXPERIENCE

### ADVISOR at the Ministry of Finance

📅 12/2020 – 07/2021 📍 Lisbon

Organization of the Portuguese Presidency of Council of the European Union (PPUE)

- **Organized 221 meetings spanning over 1.500 hours, with 52 / 87 completed deliverables (59% efficacy)**, e.g., Resilience and Recovery Facility and Portugal's Resilience and Recovery Plan
- **Directed three digital events**, seen by over 650 people live
- **Organized the Informal ECOFIN meeting** for over 220 high profile participants

### TRADER at the Portuguese Treasury and Debt Management Agency

📅 11/2019 – Ongoing 📍 Lisbon

Sovereign debt and risk hedging management

- **Saved up to 1.7%** in 10-year bond issuance yield by contracting derivatives (pre-hedging strategy in a context of high and increasing interest rates, up to around 2.5%)
- **Halved the cost associated with treasury surplus deposits** by implementing a benchmark to determine the best portfolio, in which to invest
- **Implemented the benchmark for active management performance** of sovereign issuance, using efficiency frontier analysis to determine the strategy that simultaneously reduced cost and risk

### SPECIALIST at the Ministry of Finance

📅 02/2015 – 10/2019 📍 Lisbon

IT, documentation and risk modelling

- **Drastically decreased the time required daily to gather information by 97% and increased responsiveness by 80%** by implementing an automation and allowing the task to run more than once a day
- **Shortened the time required quarterly to gather information by 83%** by implemented an automation for the extraction of financial reports
- **Cut by 80% the time required quarterly to create both quarterly and yearly reports**, while also allowing for automatic detection of errors
- **Defined the risk model for State Owned Enterprises** with forecast of performance based on macroeconomic scenarios, past and up-to-date performance for each State Owned Enterprise

### PROCESSES CONSULTANT at Aubay Consulting

📅 02/2014 – 01/2015 📍 Lisbon, Monchengladbach

Restructuring of Santander Consumer's sales' platform

- **Boosted sales possibility from one to up to five products** simultaneously and reduced waiting times by decreasing the bureaucratic and redundant documentation
- **Slashed the time required by internal HR in dealing with time allocation by about 80%** by developing a tool to automate, standardize and check for errors before submitting

### F&PS CONSULTANT at Maksen Consulting

📅 11/2011 – 06/2013 📍 Lisbon

Functional and Performance Specifications consultant in Finance and Insurance in projects such as Fair Value Hedging (FVH), Impairment Model and Basel-II report

- **Cut the time required for a workflow by about 75%** as well we reported inaccuracies of the FVH with automation and validations
- **Improved the banks P&L by saving in yearly impairment allocations** both past (reversal) and future by improving the emergence times of default events estimation
- **Significantly raised the accuracy, and consequently cut the time required** in creating the Basel-II asset with a reporting tool that consolidated data sources, cleaned, validated and standardized data before reporting

## LANGUAGES

Native

PORTUGUESE

Proficient

ENGLISH

GERMAN

Advanced

SPANISH

Intermediate

FRENCH

## HARD SKILLS

Finance

Bloomberg • Derivatives • Credit Risk  
• Financial Analyst • Fixed Income •  
Investment Analyst • Interest Rate  
Modelling and Forecast • P&L  
Analysis • Reporting • Risk Modelling  
and Forecasting

Programming / Web

Access • Automation • C • C++ •  
CSS • DAX • Django • Excel • HTML  
• Outlook • PHP • PowerPoint •  
Power BI • Power Query • Python •  
SQL • VBA • Word

STEM

Algorithms • Artificial Intelligence •  
Business Analytics • Business  
Intelligence • Data Analysis • Data  
Science • Data Visualization •  
Machine Learning • Mathematics •  
Modelling • Numerical • Physics •  
Probability • Statistics • Stochastic  
Analysis

## SOFT SKILLS

Analytical thinking • Creative • Critical  
Thinking • Communication • Curious  
• Empathy • Interpersonal •  
Leadership • Multiculturalism •  
Persistent • Problem-solving • Story  
telling • Tech savvy

## EDUCATION

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### MSc at **University of Lisbon**

 09/2008 – 11/2010  **Lisbon**

Engineering Physics with major in Financial Mathematics

- Graduated with First ***Class Honour***.
- ***Improved volatility forecast accuracy by up to 30%*** compared to the industry standard GARCH models, using the technique described in the [\*MSc. Thesis\*](#)

### BSc at **University of Lisbon**

 09/2005 – 07/2008  **Lisbon**

Engineering Sciences with major in Physics

- Graduated with First ***Class Honour***.

### Higher Diploma at **Les Mills Portugal**

 07/2015 – 03/2017  **Lisbon**

Physical Exercise Specialist

- ***Conciliated a part time job as Group Fitness Instructor with full time, sometimes high-profile jobs*** since 2017

## COURSES

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### Finance

- Financial Derivatives: A  
Quantitative Finance View

### Programming / Web

- Django 3 – Full Stack Websites with Python Web Development

### STEM

- Python for Finance: Investment Fundamentals & Data Analytics
- The Data Science Course 2022: Complete Data Science Bootcamp
- Power BI applied to Management and Finance