

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

Master's Degree at **University of Lisbon**

Engineering Physics with major in Financial Mathematics

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

Higher Diploma at **Les Mills Portugal**

Physical Exercise Specialist

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

COURSES

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