NUNO TIAGO MARTINS

TRADER, MSc

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EXPERIENCE

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

ADVISOR at the Ministry of Finance

(Nomination while Trader at the Portuguese Treasury and Debt Management Agency)   📍 Lisbon

Organization of the Portuguese Presidency of Council of the European Union (PPUE, 12/2020 – 07/2021)

- *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

CONSULTANT 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

📅 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

📅 11/2011 – 06/2013   📍 Lisbon

Fair Value Hedging (FVH), Impairment Model and Basel-II report projects

- *Cut the time required for a workflow by about 75%* as well we reported inaccuracies of the FVH with automations 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

Portuguese
Native ●●●●●

English
Proficient ●●●●○

German
Proficient ●●●●○

Spanish
Advanced ●●●○○

French
Intermediate ●●○○○

SKILLS

Automation ● Bloomberg ● Bloomberg for Excel ● Bloomberg Querying Language ● DAX ● Data Science ● Derivatives ● Finance ● MS Access ● MS Excel ● MS Outlook ● MS PowerPoint ● MS Word ● Python ● Power BI ● Power Query ● SQL ● VBA

SOFT SKILLS

Creative thinking ● Critical thinking ● Empathy ● Leadership ● Multiculturality ● Self-Motivation ● Time Management

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

Data Science / Business Analytics

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

Programming / Web

- Django 3 – Full Stack Websites with Python Web Development