

Dea Satko

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EDUCATION

Queen Mary University <i>Master of Science: Accounting and Finance, Grade: Merit</i>	2020 – 2021 London, UK
University of East London <i>Bachelor of Arts: Accounting and Finance, Grade: First Class</i>	2017 – 2020 London, UK

CERTIFICATIONS

CFG +Masters in Data Science <i>sponsored by Activision Blizzard, Grade: First Class</i>	2024
CFG Degree+Specialisation in Data Science <i>sponsored by Activision Blizzard, Grade: First Class</i>	2024
CFG Python and Apps <i>sponsored by Capgemini, Grade: First Class</i>	2024
Python for Finance <i>awarded by Queen Mary University</i>	2021
C++ for Finance <i>awarded by Queen Mary University</i>	2021
QUIMMIF <i>Training in Investment and Portfolio Analysis awarded by Queen Mary University</i>	2021
Postgraduate Financial Trading Programme <i>awarded by TTC Institute</i>	2021

PROJECTS

🔗 Borsa Italiana operational lifecycle <i>Marex Solutions</i>	2023
Managed the full lifecycle of structured investment certificates—primarily capital-protected notes, credit-linked notes, fixed coupon notes, and Twin Win autocallable notes—on the Borsa exchange. Responsibilities included issuance, monitoring, and corporate actions, ensuring seamless market operations and final payments.	
🔗 Physical delivery of stocks <i>Marex Solutions</i>	2022
Managed the physical settlement process, including stock delivery calculations and ensuring timely settlement with the clearer. Oversaw reconciliation, coordination with counterparties, and resolution of discrepancies to maintain efficient and accurate trade settlements.	
🔗 Enhanced Python tool for streamlining All Funds trades <i>Marex Solutions</i>	2024
Developed an advanced Python tool to efficiently extract spreadsheet data, enhancing integration across diverse software platforms. Utilised the Allfunds platform to manage the trading book encompassing assets such as equities, fixed income securities, and derivatives.	
🔗 CFG Degree + Specialisation Final Project <i>Code First Girls</i>	2024
Developed a Python code that collects, cleans, analyses and visualises gender related data in gaming.	
🔗 Python and Apps Final Project <i>Code First Girls</i>	2024
Developed a Python code that analyses a spreadsheet, manipulates data and finally added a visualisation module.	

EXPERIENCE

Marex Solutions <i>Structured Products Operations Equity Analyst</i>	2022 – 2024 London, UK
<ul style="list-style-type: none">• Provided trading support, including pre- and post-sales assistance, trade capture, and coordination with paying agents and prime brokerage to ensure seamless execution.• Managed the end-to-end physical settlement process, from calculating stock delivery requirements to ensuring timely settlement with clearing houses• Oversaw the full lifecycle of structured product trades, including fixings, complex payoff calculations, monitoring triggers, and managing market shifts.• Conducted trade, position, and cash reconciliations while calculating daily P&L and Greeks to provide accurate risk assessments.• Handled MiniFuture rolls, markdowns, expiries, knock-ins/outs, early terminations, and aggregations to maintain product integrity.• Managed diverse asset classes, including bonds, equities, T-bills, forex, futures, TARFs, and structured products	

- Administered corporate actions and equity assignments, ensuring accurate R-Factor adjustments and other event-driven changes.
- Produced and validated trade confirmations against legal agreements, ensuring compliance with contractual obligations.
- Adhered to operational risk frameworks, meeting FCA regulatory requirements and internal audit/compliance standards.
- Developed Python automation tools to streamline the physical settlement process, reducing manual workload and improving accuracy.
- Rewrote and optimised existing VBA code into Python to enhance efficiency and maintainability
- Automated cash reconciliation processes using Python, increasing speed and reducing errors in financial reporting.
- Provided training and documented multiple procedures to ensure seamless handovers and operational continuity.

SKILLS

Finance: Structured Products Analysis and Pricing, Trading Book Reconciliation, Financial Modeling, Equity Research, Corporate Actions, GAAP

Softwares: Excel, Bloomberg, ICE Data Derivatives, Oracle PeopleSoft, Jira, Fireblocks and Coinbase

Programming: Python, SQL, VBA, L^AT_EX

Developer Tools: Git, Visual Studio Code, GitHub, Tableau

Libraries: NumPy, pandas

Languages: English (Fluent), Italian (Native), Albanian (Native)

ADDITIONAL INFORMATION

Studied Classical Piano for more than 10 years

Attended Harvard Summer School (MA,USA) in 2009 to advance knowledge of the English language

Squad Leader AGESCI BoyScout (IT), leading the team to win multiple challenges for 3 years consecutively

Interests in videogames, travelling and gym