

ROBERTO MARSELLA

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Motivated and result-driven FinTech student seeking a challenging position. Offering strong quantitative skills coupled with technological and computer science expertise and proven ability to drive efficiency, deliver successful outcomes and collaborate within cross-functional teams.

SKILLS & COMPETENCIES

- Python (Pandas, NumPy, Matplotlib)
- IBM SPSS (beginner level)
- Advanced mathematical skills
- Java (Springboot) / C# (ASP.NET)
- Excel (Advanced level)
- Financial modelling
- C
- Relational Databases: SQL

PROFESSIONAL EXPERIENCE

Deloitte & Touche s.p.a - Rome

Feb 2023 - Aug 2023

Software Engineer

Took part in one main project for an institutional client as part of a back-end team:

- Contributed to the development of algorithms aimed to the interoperability of a complex web application, SQL databases and MS Excel, following corporate and clients requirements and deadlines.
- Manipulated big sets of data and performed migration operations from and to different databases.
- Provided ongoing support for software applications including upgrades, patches, and bug fixes to maintain error-free functionality.
- Performed troubleshooting activities to identify root cause of system Issues and complex technical problems providing creative solutions in a timely manner.
- Made extensive experience with Microsoft technology, mainly C# with ASP.NET framework, Excel and MS SQL Server.

OTHER EXPERIENCE

Lazio Chain research project - Rome

Jun 2022 - Dec 2022

Smart Contract Developer Intern (Bachelor's final project)

The project focused on the development of a Blockchain-based coupon system for the startup YHOP (craft beer sector). Core aspects of the work:

- Designed the “on-chain” and “off-chain” architecture of the system.
- Modelled the operational costs structure of the system and evaluated the operational sustainability of the Blockchain used (EOS.IO).
- Programmed and tested the Smart Contracts to manage the interactions with the EOS.IO Blockchain in C++ language using the dedicated library.
- Achieved a final result with an operational expense ratio higher than 99% (characterised to YHOP case).

EDUCATION & CERTIFICATIONS

MSc in FinTech with Business Analytics

expected graduation - Oct 2024

University of Westminster - London

- course focused on advanced technologies including, blockchain, artificial intelligence, and machine learning aimed to develop skills in data management, data mining, predictive analysis for financial services, and high frequency trading.

BSc in Engineering and Computer Science

Dec 2022

Università degli Studi Roma Tre - Rome

- Final Grade : 94% (104/110)

CFI - Financial Modeling & Valuation Analyst (FMVA)

- Enhanced skills in Excel, and developed skills in financial modelling, and corporate finance, enabling data-driven decision-making and strategic financial planning.