

Charles Imperore

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WORK EXPERIENCE

Banking Supervision Analyst, European Central Bank

DG-SIB, Banco Santander JST

Frankfurt, Germany

Sep 2024 – Aug 2025

- Designed and implemented a Securitisation Dashboard using Python for data cleaning and Tableau for data visualisation.
- Extracted and analyzed internal prudential data to assess and challenge changes to IRB models, ensuring compliance with regulatory framework (CRR/CRD).
- Conducted in-depth analyses of market risk exposures and evaluated their potential impacts on capital requirements, contributing to supervisory measures to mitigate material risks.

Corporate Finance Analyst, Mantu

IT Services and Consulting Group

Luxembourg

Jan 2023 – Jun 2023

- Produced 10+ Financing, Treasury and Working Capital reports for Top Management of a €600M Revenues company.
- Participated in M&A valuation and due diligence for 2 deals totaling €15M, employing quantitative models to assess transaction.
- Developed structured product simulations to optimize capital allocation and deepen understanding of risk-return trade-offs.

Portfolio Management Analyst, Stanhope Capital

Investment Management Company (£30Bn AuM)

Paris, France

Jul 2021 – Jun 2022

- Designed customized client portfolios by analyzing risk-return profiles and market conditions to achieve optimal allocation.
- Performed market research using Bloomberg and Morningstar to inform asset allocation decisions.
- Conducted 10 KYC risk assessments, ensuring alignment with regulatory requirements and identifying clients' risk tolerance levels.

EDUCATION

Université Paris Dauphine PSL

Master in Finance, Research in Finance

Paris, France

Dec 2025

- Certificates:** Fundamentals of Data Science
- Relevant Coursework:** Asset Pricing, Term Structures, Stochastic Calculus, Times Series, Derivatives, Econometrics, Python, Machine Learning.

EM Lyon Business School

Master in Management, Programme Grande Ecole, Major in Finance

Lyon, France

Oct 2025

- Relevant Coursework:** Corporate Finance, Portfolio Management, Green Finance, Management of Organizations, Quantitative Marketing, Business Law.

Collège Stanislas

Classe Préparatoire, Economique et Commerciale voie Scientifique (ECS)

Paris, France

Jun 2019

- Relevant Coursework:** Mathematics, Geopolitics, Literature, English, Chinese.

EXTRACURRICULAR ACTIVITIES & PROJECTS

Finance Team Lead, 180 Degrees Consulting

Non-Profit Organization, 1st Student-led Social-impact Consulting

Remote

Mar 2023 – Dec 2025

- Managed organization's global network of consultants in delivering high-impact pro bono consulting services to customers.
- Provided 10+ financial analysis, reporting and strategy recommendations to help optimize organization's social impact goals.

Valuation of Derivatives

Ongoing independent and academic related projects

- Priced a Phoenix Memoir Structured Product by implementing Monte Carlo simulations in Python, leveraging libraries such as SciPy and QuantLib for optimisation and statistical distribution.

ECB-Krisolis Data Academy Project – German Credit Default Prediction

Krisolis Data Academy Training Project, Certificate of Data Science delivered by Krisolis and the ECB DG Statistics

- Built and fine-tuned a Random Forest model using GridSearchCV, achieving 78% accuracy in predicting credit default risk, handling data imbalances with oversampling techniques and applying IQR for outlier management.
- Conducted extensive exploratory data analysis (EDA) and feature engineering, providing insights into key drivers of credit default.

International Experience

17+ years living and working abroad

- Lived in **China** for **10 years**, enrolled in a bilingual class, participated in cultural exchange programs, internship in Law Firm.
- Lived in the **Netherlands** for **5 years**, immersing in Dutch culture and lifestyle.

SKILLS & INTERESTS

- Languages:** French Native, English Fluent (IGCSE), Mandarin Fluent (HSK4), Spanish Intermediate (DELE B1)
- Technical:** Excel, VBA, Python, R, SQL, Tableau and Power BI
- Hobbies:** Eintracht Frankfurt Rugby, German 2nd Rugby-Bundesliga & Avid reader