Gabriele
Franchi de' Cavalieri

Work Experience

Senior Manager, KPMG Advisory **1/2024 - Present**

I coordinate projects aimed at developing digital solution for financial institution:
- machine learning models
- RPA functionalities
- low code applications

Azione, Head of Research Department **1/2022 - 12/2023**

Main activities:
- Definition of short and long run economic and social policies;
- Support in the definition of parliamentary acts (es: legislative proposals; amendments; question time; parliamentary questions; etc.)
- Coordination of activists' thematic groups;

Consultant (self-employed) **1/2022 – 12/2023**

Advisor on the following areas:
- Anti-money laundering and counter terrorism financing
- Artificial intelligence applied to the internal control system

KPMG Advisory, Risk and Compliance (Financial Sector)
Manager **10/2020 – 12/2021**

I worked as business translator between Compliance, Internal Audit, Anti-Money Laundering and Risk Management functions and data scientists. In the past few year, I have developed several machine learning and robotic process automation solutions aimed at improving the efficiency and adequacy of internal control systems in banks and insurance companies. Moreover, I gained experience in the definition, implementation and assessment of internal control systems in financial institution and developed strong knowledge of European and Italian financial legislations.

As Manager I run projects and assured quality of deliverables, managed projects budgets and staffing, carried out projects administrative work (e.g. contract drafting and billing) and took part in the hiring process interviewing new candidates.

Assistant Manager **1/2019 – 9/2020**

Main projects:
- Estimation of the probability of suspicious activity (money laundering) related to clients of financial institutions using machine learning algorithms in R
- Definition and implementation of a new client re-evalutaion AML process through machine learning solutions
- Incident analysis and assessment of investment services processes and procedures
- Processes reengineering using RPA (Robotic Process Automation)
- Compliance and operational risk assessment for financial and non-financial institutions
- Training courses on internal control systems at Italian universities, financial institutions and Italian Banking Association (ABI)

Senior Consultant **1/2018 – 12/2018**

Main projects:

- Definition of a methodological framework to assess the risk of money laundering and terrorist financing for financial institutions
- Gap analysis on internal controls and new financial regulations
- Interest rate assessments to ensure compliance with usury laws
- Corporate process mapping

Consultant **3/2016 – 12/2017**
Main projects:
- Enterprise risk management – methodological and operational support to assess the main risks faced by our clients and their internal control system.
- Internal auditing inspections for financial institutions
- Support in the definition of corporate governance models for banks

University of Glasgow
Graduate teaching assistant **9/2012 – 9/2015**
Main duties:
- delivering seminars on (introductory and intermediate) microeconomics and macroeconomics
- marking exams and holding office hours for students

Education

PhD in Economics, University of Glasgow **2012 – 2016**
Dissertation Title: Essays on functional distribution of income and economic growth

MSc in Economic Development (Merit), University of Glasgow **2010 – 2011**
Dissertation Title: An Empirical Study on the Effects of Inequality on Investment: the role of the Domestic Market and Export

BSc in Economics of International Cooperation and Development (107/110), La Sapienza, University of Rome **2007 – 2010**
Dissertation Title: The Effect of Export and the Boost of Privatization on Ethiopia's Economic Development

Articles

"**A new AML client profiling methodology: the probability of suspicious activity**", Franchi de' Cavalieri, Bancaria 2019, n.6

"**AML Risk Profile, new methods and strategies**", Stellin, M. and Franchi de' Cavalieri, Bancaria 2018, n.4

Working papers

"Short-run and long-run growth regime in the United States" **2016**

"Cooperative and conflictual growth regimes in Italy: a non-linear approach" **2015**

"Wage moderation in Mexico, Canada and the United States: The effect of functional income distribution on trade and aggregate demand." **2014**

Conferences

Glasgow Economic Forum **2015**

7th Annual PhD Student Conference of the Post Keynesian Study Group **2015**

17th Annual Conference of the Association for Heterodox Economics at the Southampton Solent University **2015**

Teaching excellence awards

Student Teaching Award for Best Postgraduate who Tutors, University of Glasgow **2015**

Ranked first out of 17 tutors delivering 1st and 2nd year Undergraduate courses in Economics, Adam Smith Business School, University of Glasgow **2014**

Skills

Language: Italian (*native*); English (*fluent*); Spanish (*beginner*); French (*beginner*)

Statistics software: R (*advanced*); Stata (*advanced*); Eviews (*intermediate*)