

Curriculum Vitae

PERSONAL DETAILS

Full Name: Fulvio Raddi
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Birth Date: 13/04/1993
Place of Birth: Salerno, Italy
Nationality: Italian

PROFILE SUMMARY:

PhD fellow under the Marie Skłodowska-Curie Actions program . Passionate about leveraging advanced mathematical models and forecasting techniques to address complex challenges in finance.

KEY SKILLS:

- Experience in Cloudera Machine Learning and Apache Impala frameworks;
- Proficiency in SQL;
- Implementing simulation (with Matlab or Python) both qualitatively and quantitatively.
- Expertise in Probability, Statistics, Optimization and Mathematical Analysis.
- Experience working with large financial market datasets.

PROFESSIONAL EXPERIENCE

10/2018–02/2023 **SOC Data Analyst**

Company: CSI Piemonte

Description: Alert creation and management of security incidents. Monitoring and identification of malware with deep learning algorithms (LSTM Networks).

02/2023–02/2024 **Trainee in Data Science and Statistics**

Institution: European Central Bank

Description: Financial markets data analysis and production of Short-term European Paper (STEP) statistics.

03/2024–09/24 **Teaching Assistant in Statistics for Engineering, Probability for Computer Science and Statistics for Agricultural Science**
Istitution: University of Salerno
Description: Supporting students in solving probability and statistics exercises.

10/2024–Current **Marie Skłodowska-Curie PhD Fellow**
Istitution: Babeş-Bolyai University
Research Topic: Predicting financial trends using text mining and NLP.
For Further details see [1](#) and [2](#)

EDUCATIONAL BACKGROUND, LANGUAGES, TRAINING COURSES

- 10/2020–03/2024 **Master Degree in Mathematical Engineering**
Polytechnic University of Turin, Italy
- 10/2018–10/2020 **Second-Level of Professional Master's Programme in Digital Innovation for The Public Sector**
University of Turin, Italy
- 12/2015–09/2018 **Master Degree in Mathematics**
University of Salerno, Italy
- 10/2012–12/2015 **Bachelor Degree in Mathematics**
University of Salerno, Italy

ADDITIONAL ACTIVITIES AND RECOGNITIONS

- 2020 Recipient of "Start and STEM" Scholarship awarded by Unione Industriali di Torino
- 2021 Volunteer Experience as Math Teacher at the middle school "Istituto Comprensivo Statale" of Vinovo (TO);
- 2021 Teaching assistant for the "Mathematical Laboratory" course of the bachelor's degree program in Engineering at the Polytechnic of Turin
- 2022 Teaching assistant for the "Mathematical Analysis" course of the bachelor's degree program in Computer Science at the University of Salerno
- 2022 Teaching assistant for the "Mathematical Methods for Chemistry" course of the bachelor's degree program in Chemistry at the University of Salerno

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