Raphaël Azorin

PhD candidate with industry experience.
Looking for exciting challenges as an ML engineer.

azorin (dot) raphael [at] gmail (dot) com
Born in 1993
French

raphaaal.github.io

EXPERIENCE

Huawei — *Data Scientist*   *Paris, June 2021 - June 2024*

PhD partnership in machine learning for networked systems.
Multi-task learning, tabular time-series, system design.
Publications at https://raphaaal.github.io/publications/

xCo Analytics — *Data Engineer*   *Paris, Sept. 2019 - Oct. 2020*

Big Data pipelines for customer analytics and data quality.
ETL, dashboards and agile product development.
Spark, Hive, Cassandra and MLOps.

Marionnaud — *Data Miner*   *Paris, Sept. 2018 - Sept. 2019*

Customer behavior modeling for product lines.
Scoring, forecasts, segmentations and recommendations.
Campaign analysis and reporting to management.

Markentive — *Technical Marketing Consultant*   *Paris, Feb. 2016 - Sept. 2018*

Building the #1 HubSpot Diamond partner in France.
Marketing strategy, automation and campaigns.
Website design and analytics.

EDUCATION

PhD in Machine Learning — *Sorbonne University*   *June 2024*

MSc in Machine Learning — *PSL University (salutatorian)*   *June 2020*

BSc in Computer Science — *PSL University (valedictorian)*   *June 2019*

MSc in Management — *Grenoble School of Business / University of Mannheim*   *June 2015*

PROJECTS

SchopGPT – *LLMs*

Argumentative agent fine-tuned on Schopenhauer's dialectic. Arguments are refuted
based on an analysis of the debate conditions.

AutoCluster – *MLOps*

Clustering lifecycle management tool deployed in a Big Data production environment.
Fresh data is processed in a distributed fashion and models are deployed with ML Flow.

Artist RecSys – *Graph analytics*

Musical collaborations recommendation system using Neo4J and Spotify.
Links between artist nodes are predicted from graph metrics and node attributes.

SKILLS

Programming
• Python
• SQL
• PySpark

Libraries
• PyTorch, Sickit-Learn
• Pandas, Numpy
• PyPlot, Seaborn

Certifications
• Azure Fundamentals
• Microsoft Excel Specialist
• Google Analytics IQ

Infrastructure
• Azure
• AWS
• Linux

LANGUAGES

• French: native

• English: advanced

• Spanish: intermediate

• German: beginner

ACTIVITIES

• Bouldering (4 years)
• Boxing (3 years)
• Swimming (lifeguard qual.)
• Summer camp counselor

References available upon request.