

# 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](https://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 2018

### 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, Sckit-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.