Amaury COMBES   27.11.1995
French

Education

EPFL, Ecole Polytechnique Fédérale de Lausanne, Lausanne

Master in Computer Science, Data Analytics Specialization,   August 2020
Bachelor in Computer Science,   June 2017

Lycée Saint Louis de Gonzague (Franklin), Paris - France

Baccalauréat, Scientific Specialization   July 2013

Experience

Compagnie Financière Tradition, Data Scientist   from February 2024
machine learning, **finance**, **brokerage**

Financière Vermeer, Supervisory Board Member   from December 2023

Viel et Compagnie Finance, Board Member   from June 2021

Oracle Labs, Research Internship in Machine Learning applied to Cybersecurity   Aug. 2019 - Jan. 2020
Master's Thesis in Machine Learning applied to Cybersecurity   Feb. 2020 - July 2020
deep learning, **active & semi-supervised learning**, **cybersecurity**, **autonomous monitoring**

Project

Modeling users consumption behaviour on a live streaming platform, Twitch - master semester project
data gathering, **scala, data exploration**, **modeling**, **recommender systems**, **python**

Clustering 200 years of a newspaper's archive (Le Temps) - side project
data cleaning, **natural language processing**, **topic modeling**, **latent Dirichlet allocation**

Competence

Data Science
- Machine Learning
- Data Analysis

Data
- Financial Time Series
- User Activity on Website
- Semi-structured Logs
- News Articles

Computer Science
- Parallelism & Concurrency
- Software Engineering
- Database

Tools
- Spark
- Pytorch

Programming Language
- Python; data science toolkit
- Scala
- Javascript; web & visualisation
- Java
- C++ & C

Language

English, working proficiency
French, mother tongue
Spanish, basic knowledge

Misc

- Humanitarian trip to Madagascar, July 2013
- Volunteer in a donation fund, from 2023