



Education

School 42 - 2 years:

- Preparation to the title of *"Digital technology architect"*
- Specialisation Algorithm/AI

Media Training

Openclassrooms at Paris in January 2021

Management Training

of "REVEL'COM" at Paris 15ème in January 2017

Relational communication training

"EFE-CFPJ" at Paris 1er in January 2015

French Baccalaureate Scientific Branch

With mention in July 2014

About me

Technical Stack

Python, API REST, GRPC, Flask, Docker, Kubernetes, AWS, Azure, SQL, Kafka, NLP

Language

French, English, Hebrew

Hobbies

Theater enthusiast, Drummer, Surfer

LinkedIn

[linkedin.com/in/raphaelkrief/](https://www.linkedin.com/in/raphaelkrief/)

Mail

linkedin.830ek@simplelogin.com

Professional experiences

Allianz Trade - 1.5 years - 2022/2024

Risk Model Data Engineering

- Integration into a dynamic team of Data Scientists as a Data Engineer, contributing to the quest for analytical insights and the development of risk models.
- Design of a Python-based preprocessing service dedicated to optimizing data for a logistic regression model.
- Full implementation of a CI/CD approach, encompassing testing, formatting, security checks, and deployment steps.
- Expert restructuring of legacy code for optimization and adaptation to current development standards.

Bloom - 1.5 years - 2022/2022

Data Engineering

- Extensive experience in advanced usage of Git/GitLab tools, showcasing mastery in best practices such as clean commits, code rebasing, merge requests, comprehensive code reviews, and continuous integration (CI).
- Robust experience in team collaboration, characterized by pair programming, daily meetings, effective backlog management, productive retrospectives, utilization of poker planning, and active participation in technical workshops.
- Advanced mastery of clean coding principles, with unwavering adherence to Test-Driven Development (TDD) practices, KISS (Keep It Simple, Stupid) philosophy, and methodical refactoring to achieve ever more elegant and performant code.

V2 Structuring

- Meticulous application of Test Driven Development (TDD) in alignment with technical specifications, ensuring a result equivalent to the V1 version of the project.
- Creation of a micro-services architecture for streaming data with Python gRPC. Deployment on Kubernetes cluster using Docker containers and implementation of Prometheus metrics available on Grafana.
- In-depth analysis of service performance, scalability, and resource consumption.
- Refactoring of the document, entity, and object classification algorithm and data loading on AWS S3.

Southpigalle - 3 years - 2017/2020

Data Engineering : NLP redesign

- Working in collaboration of Data-Scientists, implementation of a sentiment analysis model (BERT) and other pre-processing librairies.
- Creation of micro-services of pre-processing NLP libraries. Communication with Unicorn Flask API enriching json object.

Expert-System Genius creation

- Creation of a service using NLP to transform a human sentence in a GraphQL query.
- Testing and implementing user feedback with deployment of the service on Kubernetes.

OpenClassrooms - 5 years - 2018/2023

- **Technical Coach** in Python for students enrolled on the Openclassrooms platform, providing guidance and support in their development journey.
- **Author** of educational content focused on technical subjects such as [Docker](#) and [Agile Development](#) on the Openclassrooms platform.

Superprof - 2 years

- Provision of specialized courses and training on technologies such as Docker and Python.

Military paratrooper - 1.5 years

- Paratrooper in Battalion 101