Robert **Dazi**

Software Engineer Python

Paris

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Experience

Sarus

Paris

Permanent

October 2020 - Present

- Python Backend Developer
  - Backend Dev: Flask, SQLAlchemy, Celery, Postgres
  - Data processing: tensorflow, Parquet, Pyarrow
  - QA/CI: pytest, Gitlab, docker
- Sarus develops a platform providing access to sensitive datasets using differential privacy mechanisms to allow data sharing without compromising personal information.
- Target customers could be hospitals, healthcare companies, banks or data brokers.

Citio

Paris

Freelance

September 2019 - April 2020

- CITiO is a startup developping a dataviz tool to help transport operators/transport agencies have a clear idea of how their networks is operated and how their customers use it, providing understable and *actionable* KPIs (for instance, Monday at 9:00 on a given bus line, there is too few bus for a service considerably impacting the customers feelings) and fine-grained metrics (such as which vehicle is late at a given scheduled trip).
- Since at its early stage, a big part of the job is to convince our potential customers that our tool can give them a competitive edge. Without knowing they sit on a data trove, they often hand us their data using their custom format, letting us prove them their data have real value.
- My job was to convert this very different and not clean data to our internal format using Pandas, make them compatible to our relational schemas and feed the Postgres services that will eventually aggregate them according to different filters and stream them to the Front End.
- *Skills:*
  - Data Wrangling using Pandas
  - ETL design with a Postgres DB as the endpoint
  - Misc.: Docker, Airflow as Dev Tools, Gitlab CI CD

Skills

Programmation	Python, C, C++
Unix System	Linux: Debian, Archlinux, Voidlinux
Applied Mathematics	Probability, Statistics, Operations Research (a bit)
Data Science	Data Visualization, Data Analysis

Education

Evry University

Evry

Master 1 Mathematics

2016 - 2018

- Probability: Basic Concepts (Mesurable Space, Generating and Characteristic functions, Gaussian Vectors), Poisson Processes, Brownian Motion
- Statitics: Least-Squares and Model Selection
- Machine Learning: Linear Regression, Decision Tree, Logistic Classifier, Introduction to SVMs
- Data Sciences: Housing Data Analysis

Evry University

Evry

Licence Mathematics

2015 - 2016