Safa BOUDABOUS

Data Scientist

Contact

✉ boudabous.safa@gmail.com

in [safa-boudabous](#)

🌐 https://safaboudabous.github.io

📞 +33 618633372

📍 Paris, France

About me

I am a PhD in computer science with four years of postdoctoral research experience. My expertise lies in applied machine learning and deep learning, with a strong focus on sequential and temporal data analysis.

I am interested in AI applications in healthcare, particularly for drug discovery and disease diagnosis.

Skills

Programing languages: Python, R.

ML libraries: Scikit-learn, Pytorch, Pytorch-geometric, Hugging Face.

BIO libraries: anndata, biopython, pysam.

Workload management: SLURM.

Versioning: Git

Languages

Arabic (native)

French (fluent)

English (intermediate)

Work Experience

2025-present

Postdoctoral researcher at NABI, UP-Cité, CNRS

- I am working with Dr Kelly Aubertin on ML models to control the production of extracellular vesicles (EVs) and identify new EV-based diagnostic biomarkers.

2023-2025

Postdoctoral researcher at CEREMADE, Université Paris-Dauphine, PSL

- I worked with Dr. Emmanuel Bacry on deep learning fthe diagnosis of respiratory sleep disorders, collaborating with the Apneal startup.

2022-2023

Postdoctoral researcher at Orange Innovation

- I worked with Dr Alexis Bondu and Dr Yassine Nair-BenRekia on cross-learning across heterogeneous seasonal time series for roaming traffic forecasting.

Education

2017-2021

Telecom Paris (Institut Polytechnique de Paris)

- PhD in Computer Science
- Collaboration with the VEDECOM research institute.
- Supervised by Pr. Houda Labiod and Pr. Stephan Clémençon.

2016-2017

Telecom Paris

- Master's Degree in Data Science.
- Joint program with Paris Sud University and Ecole Polytechnique.

2010-2015

INSAT (Tunisia)

- Engineer's Degree in Computer Science.
- Major in big data and machine learning