



Flora BAJOLET

Data Scientist & Geologist

Skilled in the whole data life cycle management, from collection to deployment of big data solutions, I carry out exploratory statistical analysis and design AI algorithms suited to your needs.

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- linkedin.com/in/flora-bajolet
- github.com/florabajolet
- www.geo-fbajolet.com
- Driving licence, personal car

WORK EXPERIENCE

Educational projects in data science

OpenClass Rooms/Centrale Supélec

May 2021 - March 2022

Including:

- Build a big data architecture and deploy spark preprocessing model for computer vision.
- Build and deploy a credit scoring model with dashboard and API.
- Classify items from picture and text.
- Clients segmentation for an e-commerce start-up.
- Predict energy needs and GHG emissions for non-residential buildings.

Research Geologist

CNRS/BRGM/Total, Toulouse, Orléans

2016 - 2020

Synthesis of georeferenced data, paleogeographic maps, bibliographic research, writing scientific publications.

Teaching assistant, Toulouse and Montpellier Universities

2013 - 2015

Data inversion (fortran/linux) of geoid/topography/thermal state to define a geological model, mapping synthesis, writing scientific publications. Teaching Bachelor and Master classes (courses, TD, TP) and field work.

Institut des Sciences de la Terre, Grenoble

Nov 2013 - March 2014

Experimental modeling of plate tectonics.

RESEARCH MANAGEMENT / INTERNATIONAL PROJECTS

2013 - 2015 BRIDGE Network

Young researchers network. Organization of webinars, administration of online collaborative platform.

2012 Topo Europe Young Researchers

Organization of workshops and conferences.

EDUCATION

2021 - 2022 Data Scientist

OpenClass Rooms/Centrale Supélec

2009 - 2013 PhD.

Università degli Studi Roma Tre, Rome, Italy
Marie Curie European project

2007 - 2009 Master Degree Earth Sciences and Solid Planets

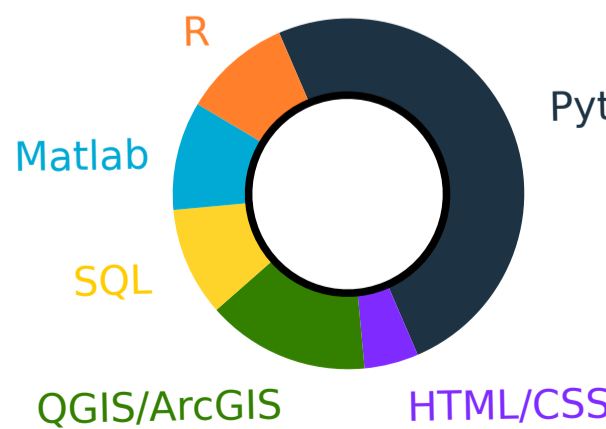
2004 - 2007 Bachelor

Earth and Universe Sciences

Paul Sabatier University, Toulouse

SKILLS

- Data compilation and synthesis, advanced statistical analysis
- Machine learning: supervised and unsupervised models (clustering, NLP, computer vision, deep learning, transfert learning...)
- Dataviz, dashboards, API, big data (AWS, GCP)
- Managing GIS databases
- Georeferencing, vectorization



SOFT SKILLS

- Adaptability
- Problem solving
- Toughness
- Team spirit
- Autonomy
- Curiosity

LANGUAGES

- French ●●●●
- English ●●●○
- Italian ●●○○

TOOLBOX

