



Vincent Lefoulon

Python Programming, Data Science & Ecology

Contact

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🎧 Vayel

Computer Science

- Python
- SQL, MongoDB
- Web (Django, React, REST API)
- AWS, Docker
- Data Science

Ecology

- Permaculture
- Governance, sociocracy
- Climate
- Energy

Interests

- Science, Philosophy
- Climbing, Yoga
- Education
- [Ecology](#)

Work experience

06/19 - Now **Web Developer and Data Scientist for AI interpretability and fairness**

[CNRS](#) (Toulouse, France)

I build a web application with Django and React to visualize how a black-box machine-learning model behaves and make sure it doesn't discriminate people based on their gender, skin...

03/18 - 01/19 **Data Scientist for Simulation Models**

[Simudyne](#) (London, United Kingdom)

I built statistics-based tools and visualizations to validate and analyze simulation models. It includes sensitivity analysis, time series analysis, Bayesian inference... These tools are shipped into a Python library I built from scratch.

06/17 - 08/17 **Intern in Web development for open-source project IEML**

[University of Ottawa](#) (Montreal, Canada)

I built a web application with a REST API (Django, Python), a MongoDB database and a jQuery-based front-end.

Education

2019 - 2019 **2-month program for ecological and social transition**

[T. camp](#) (Campus de la Transition, France)

2015 - 2018 **Master's degree in Information Systems Engineering**

[Ensimag](#) (Grenoble, France)

2013 - 2015 **Classes préparatoires aux Grandes Écoles - Mathematics/Physics**

[La Martinière Monplaisir](#) (Lyon, France)

Personal work

January 2019 **Le raisonnement par récurrence**

[Zeste de Savoir](#) (Publication)

December 2018 **Domotics for farm water supply**

[GitHub](#) (Code project - Python & Arduino)

Volunteering

[Zeste de Savoir](#), [Les Shifters](#), [Campus de la Transition](#), [CaptainFact](#)

More on [in](#)

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