Vincent Lefoulon

Python Programming & Data Science

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Programming

- Python
- SQL, MongoDB
- Docker
- REST API (Django)
- Web front-end
- AWS
- C, Go, Java, Arduino

Data Science

- numpy, pandas, dask, sk-learn, Tensorflow...
- Sensitivity analysis
- Time series analysis
- Bayesian statistics

Interests

- Science
- Philosophy
- Climbing
- Yoga
- Education
- Environment

Work experience

03/18 - 01/19 Data Scientist and Scientific Programmer for Simulation Models
Simudyne (London, United Kingdom)
I worked with Python to build statistics-based tools and visualizations to validate and analyze simulation models. It includes sensitivity analysis, time series analysis, space exploration, 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 REST API with Django (Python) to expose a MongoDB database to a jQuery-based front-end I also contributed to.

09/15 - 03/17 Project Manager
Junior Company Nsigma (Grenoble, France)
I volunteered for Nsigma, ENSIMAG's junior company. I especially worked as a project manager: helping clients define their needs, writing specifications, managing programmers... I also developed internal tools to automate the administrative process.

Education

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)

December 2018 Introduction aux systèmes distribués
Zeste de Savoir (Publication)

Volunteering
Zeste de Savoir, Les Shifters, GUCEM, Nsigma

More on in

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