CONTACT

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+336 66 92 16 76
@fabienfrfr

PROFIL

I am a complex systems physicist with a particular interest in interdisciplinary projects. I am interested in machine learning, data innovation and skills sharing.

SKILLS

- **Programming :** Python – C# – Bash – JavaScript
- **Database :** SQL
- **Data Collection :** Web Scrapling – Port sniffing
- **Data Analysis**
- **Data Visualisation**
- **Graph Visualisation**
- **Data Prediction :** Sklearn – PyTorch
- **Versioning :** Git
- **Language :** French, English
- **Science communication**
- **Others :** Web API

INTERESTS

- **Creative Coding** (Instagram)
- **Educational Game** (Itch.io)
- Hiking, Cycling and CrossFit.
- **Popular science** (Pint-of-Science organization)

FABIEN FURFARO, 31 YEARS OLD
DATA SCIENTIST

PROFESSIONAL EXPERIENCE

SEP 2021 –	**Data Scientist – Freelance** INSEP, Paris 12th Collaboration with Geoffroy Berthelot and Avner Bar-Hen (CNAM) on the construction of a new algorithmic method for the data prediction and reinforcement learning by neuro-evolution and graph.
SEP 2015 – SEP 2019	**Physicist – PhD** MSC Laboratory, Paris 13th Management : Benoit Sorre. Work in collaboration with Jerome Collignon, Jacques Monod Institute (Biologist). Characterization of the cell differentiation trajectory (Dimensionality Data Reduction, Data Clustering and Data Segmentation.).
MAY 2014 – AUG 2014	**Physicist – Intern** École normale supérieure (LPS), Paris 5th Management : Nicolas Desprat. Bacterial colony morphogenesis study.
MAY 2013 – JUL 2013	**Physicist – Intern** MSC Laboratory, Paris 13th Management : Vincent Fleury Vertebrate morphogenesis study.

EDUCATION

2021	**Mathematics *Agrégation* (Preparation)** Académie Créteil-Paris-Versailles
2020	**FAST-AI & DEEPMATH (MOOC)** Machine Learning, Neural Networks, Data Mining, Data analysis, Data visualisation and supervised and unsupervised learning.
2015	**Msc in Applied Physics** Université Paris Diderot Probabilities, Statistics, Calculus, Simulation, Modelization, Signals Analysis, Control Theory.