

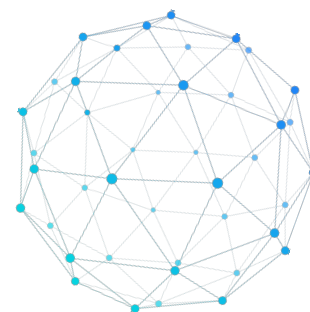
# Simon Alibert

## Machine Learning Engineer

Freelance, available now

Paris 11<sup>th</sup> • alibert.sim@gmail.com • +33 6 25 55 21 81

/salibert /aliberts



## SKILLS

### PROFILE

« I bring support to your Machine Learning and Deep Learning projects. My skills apply all the way through the value chain: from the definition of your problematic to the optimization, the deployment and the management of the lifecycle of your models. I am committed to bringing a critical eye and apply best practices throughout the process. »

### CODE

Python • SQL  
C++ • R • VBA

### TOOLS AND FRAMEWORKS

Git • Docker  
PyTorch • TensorFlow  
VS Code • Microsoft Office

### CI/CD

GitHub Actions • GitLab-CI/CD  
Bitbucket Pipelines

### LANGUAGES

Anglais : C2 level,  
TOEIC 2015 980/990

### SOFT SKILLS

Relational fluency  
Autonomous  
Rigorous

## ACTIVITIES

### INTERESTS

Astrophysics  
Astronautics  
Environment

### SPORTS

Bouldering  
Swimming  
Freely

## EXPERIENCE

### PERSONAL PROJECT | GALAXY ZOO

2023 | Paris

- **Classification** of the morphologies of distant galaxies using neural nets. Set up a pipeline for experiments and **versioning** of models and dataset (Python, PyTorch, Weights & Biases).

### MACHINE LEARNING ENGINEER | GOODSesame

2022 | Paris

- TSVD modeling of users preferences for recipes **recommendation**, deployed a backend **API**, roadmap definition and advisory for next steps (Python, SQL, Docker).



### CONSULTING ACTUARY | WILLIS TOWERS WATSON

2017 - 2020 | Paris

- I have worked for 3 years as a modeling consultant in life insurance within the Insurance, Consulting & Technology team.
- I have worked on a number of **modeling** projects : models transformation, migrations, optimizations, implementations and documentation (C++, R, VBA).
- **Production** and review of statutory calculations (VBA, Excel).



### ACTUAIRE APPRENTI | CNP ASSURANCES

2014 - 2015 | Paris

- Actuarial thesis on efficient liabilities valuation methods for life insurance companies.



### FINANCIAL ANALYST | PREDICA - CRÉDIT AGRICOLE ASSURANCES

2014 | Paris

- Financial production field mapping of the diversification assets in a low rates environment.



## EDUCATION

### MACHINE LEARNING ENGINEER | YOTTA ACADEMY

2021 | Paris

- Full time bootcamp (4 months, 500+ hours).



### ACTUARIAL SCIENCE | PARIS INSTITUTE OF STATISTICS

2012 - 2015 | Paris

- Member of the French Institute of Actuaries.



### MPSI - MP | LYCÉE NOTRE DAME DE LA MERCI

2010 - 2012 | Montpellier

- Preparatory school for French Grandes Écoles, science program.