



## Etienne Boisseau

+33 7 67 40 81 09

etienne.boisseau.eu

etienne@boisseau.eu

### PERSONAL INTERESTS

- **Cofounder of Tuxae**, ENSAE's IT and Machine Learning student society
- **Musical improvisation**
- **Portrait photography**
- **Martial arts**: Krav Maga, Jiu Jitsu
- **Go** (board game)

### LANGUAGES

French	Native
English	Bilingual
German	Fluent
Mandarin, Khmer, Tagalog, Spanish, Vietnamese	Basic Knowledge

### IT SKILLS

- **Python**: Main work tool for more than 5 years. Experience building robust industrial projects
- **Deep Learning (Pytorch, Tensorflow)**: Natural Language Processing, Computer Vision, Time Series, Point Clouds
- **Machine Learning**: Extensive experience with a wide range of models and libraries
- **Bayesian Methods**: Bayesian Modeling, Stochastic Variational Inference, MCMC
- **Optimization**: Linear, Convex, Mixed Integer, Combinatorial
- **Software Engineering Stack**: Docker, Git, Linux, Cloud (GCP, Azure, AWS)

# Data Scientist

## EXPERIENCE



### Freelance Data Scientist

Self-Employed

January 2022 - Present

See my [Project Portfolio](#).



### NLP Research Scientist

Accenture (Paris)

July 2021 - December 2021

I applied State-of-the-Art NLP methods to automate **time-consuming language tasks** and built unique products for analyzing **large-scale text datasets**.

I built complex technical products hand-in-hand with non-technical subject-matter experts, ensuring **regular feedback and good communication**.

[Knowledge Graphs](#) / [Information Extraction](#) / [Large-Scale NLP](#)



### Data/AI Coach

Simplon (Paris)

2020 - 2021

I gave a **three-day Deep Learning bootcamp** for trainees in the "AI Developer" program. I **assessed trainees' final projects** at the end of the program alongside other Data Science professionals.

[Teaching](#) / [Deep Learning](#)



### Data Scientist

Sahar (Paris)

June 2020 - October 2020

I developed **real-time algorithms** for analyzing massive social network data. I also led a cutting-edge project to **simulate a social network using deep learning**, which powered a crisis management course at a top French university.

I owned the **full stack** of several projects leveraging cutting-edge **predictive analysis and data infrastructure**.

[Graph Analysis](#) / [Natural Language Processing](#) / [Transformers](#)



### Financial Risk Analyst

TotalEnergies (London)

March 2019 - August 2019

I built **deep learning-based price prediction models** and led a project to **unify the data processing pipeline** across six teams and several countries, reducing human error and increasing productivity.

[Data Management](#) / [Deep Learning](#) / [Price Prediction](#)



### Data Scientist

Kayrros (Paris)

September 2018 - February 2019

I helped **link together software engineering and data science** teams, building joint projects to extract valuable insights from satellite images.

[Remote Sensing](#) / [Energy](#) / [Time Series](#)

## EDUCATION



### MVA (Mathematics, Vision, Learning): Master's Degree in Artificial Intelligence

ENS Paris Saclay (France)

September 2020 - June 2021



### Master's degree in Statistics, Economics and Data Science

ENSAE Paris (France)

September 2019 - June 2021



### Master's degree in Management

ESCP (Germany, UK, France)

September 2016 - June 2018



### Bachelor's and Master 1 in Mathematics

Sorbonne University (France)

September 2016 - June 2018