



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	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
- **Bayesian Methods**: Bayesian Modeling, Stochastic Variational Inference, MCMC
- **Classical Optimization**: Linear, Convex, Mixed Integer, Combinatorial Optimization
- **Software Engineering Stack**: Docker, Git, Linux System Administration and Cloud infrastructure (GCP, Azure, AWS)

Data Scientist

EXPERIENCE



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