Etienne Boisseau

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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.

Data/AI Coach
Datarockstars (Paris) - As a Freelancer — April 2022 - August 2022

I designed and led a 3-month Data Science training course and provided support to the trainees until the final state-santioned exam. We achieved a 100% success rate.

Teaching | Data Communication | Data Science Outreach

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 applications 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 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 Markets | 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