BRICE **PETIT**

ARTIFICIAL INTELLIGENCE ENGINEER

CONTACT

- 📞 0471/22.04.13
- ✉️ bricesacha.petit@gmail.com
- 📍 Avenue de la Jonction 57 1190 Forest
- 🚗 Permis B
- in https://www.linkedin.com/in/brice-petit/
- 🌐 https://bricepetit.github.io/

TECHNICAL SKILLS

- Languages :
  - Python, SQL, C++, Java, R
- AI / Data Tools :
  - Tensorflow, Pytorch, Scikit
  - Jupyter, Pandas, Numpy,
  - Plotly, SeaBorn
  - Cassandra
  - Docker, Git
- Domains:
  - Machine Learning, Deep Learning, Data Processing, Optimization

SOFT SKILLS

- Communication
- Teamwork
- Organization
- Analytical thinking
- Adaptability

LANGUAGES

- French – Native
- English – C1
- Dutch – B1

INTERESTS

- Volleyball & Caving
- Scouting
- Beer culture

PROFILE

Data Scientist and Machine Learning Engineer with a Master's degree in Computer Science, I design AI and machine learning models for forecasting, optimization, and decision-support applications in industrial settings. Passionate about extracting value from data, I apply my skills in data science, modeling, and data analysis to impactful and innovative projects.

EDUCATION

Master's degree in Computer Science   2020 – 2022
Specialization in AI and Embedded Systems | Université Libre de Bruxelles

Bachelor's degree in Computer Science   2016 – 2020
Université Libre de Bruxelles

EXPERIENCE

Artificial Intelligence Engineer   2022 – now
IRIDIA, Université Libre de Bruxelles

- Collaboration with Innoviris, AIEG, and Renewgy within applied research projects.
- Design of a data collection and storage system (Cassandra, Python) with visualization, for citizen energy communities.
- Implementation of disaggregation and electrical grid optimization models.
- Development of artificial intelligence models for forecasting solar production and energy consumption.
- Supervision of students (individual and group projects).

Server – Student Job   2021 – 2022
Moeder Lambic Original

- Customer service.
- Advising on beers from a wide and regularly changing selection.
- Handling cash register and orders.

Team Member – Student Job   2017 – 2021
McDonald's Brussels – Bourse

- Order preparation.
- Teamwork under pressure.

PROJECTS COMPLETED

Electrical consumption and production forecasting (AI).

Electrical disaggregation (IA).

Waste sorting using image classification (AI).

Solving the Sliding Puzzle via reinforcement learning.