✉ letgui2@gmail.com

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14460 Colombelles,
France

📅 22 years old

🔗 guillaume-letellier.com

🏳 French

📍 USA
Europe
France

📞 +33 (0)699120722

Languages

French
Native

English
Working proficiency

German
Elementary proficiency

Assets

Autonomous

Curious

Perfectionist

Interests

Computer Science
Artificial intelligence, parallel programming, quantum computing

Physics
Astronomy/astrophysics, quantum mechanics

Others
History, video games, urban music

Guillaume Letellier

Data Science & AI Student

Student in AI, specialized in computer vision. I am developing my skills in some of these technologies on different domains on which I have an attraction like video games, medicine or physics-chemistry.

Education

MSc in Computer Science, IDM course

Since September 2021 University of Caen Normandy Caen, France

Specialization in Machine Learning and Image/Signal Processing

BSc in Computer Science

From September 2018 to June 2021   University of Caen Normandy Caen, France

Graduated with highest honors

Work experience

Research Intern

From February 2023 to August 2023   CEA (Commissariat à l'Énergie Atomique et aux Énergies Alternatives) Palaiseau, France

Subject: Detection and tracking of the ball holder in videos of team sports matches

Data Scientist (Technical Intership)

From April 2021 to June 2021 Orange Labs Caen, France

Subject: Development of a Python demonstrator for research work on financial transaction simulation

- Analysis of the data made available to me
- Creation of a naive simulator of financial transactions
- Training of machine learning methods to verify the realism of the simulator
- Continuous improvement of both from extracted rules
- Automation of the continuous improvement with a GAN

Skills

Machine Learning / Deep Learning

Data Analysis

Signal Processing

Software Development

Computer science skills

Development tools :
Git, Docker, Windows, Ubuntu

Mastered programming languages :
Python, **C**, **Java**, **PHP**, LaTeX, **HTML/CSS, Javascript, Typescript, SQL**

Familiar programming languages :
C++, **NodeJS**, Sass/Scss, **Dart**, Haskell

Scientific libraries :
NumPy, SciPy, **Pandas**, **Matplotlib**, Seaborn, **Scikit-Learn**, **TensorFlow**, PyTorch

Certifications / Additional training

IBM Quantum Challenge Africa 2021 Achievement

September 2021 IBM

Solving challenges using Qiskit

Academic projects

- Creation of games and AI for games
- N-body simulator
- House generator
- Movie recommendation system
- Data analysis and visualisation projects
- Multi-agent knowledge program interpreter
- Volume segmentation in medical images

Personal projects

- Computer learning web application
- Password manager
- Nebula image generator
- Web application for reselling books for students
- Predictor of the effects of chemical compounds on the human body