

ASTRUC MATHIEU

LOOKING FOR 3 MONTH INTERNSHIP ABROAD

Phone: +33 6 70 94 53 63
Email: mathastruc@gmail.com
Website: www.mathieuastruc.com

SUMMARY

I'm an engineering student specialising in Big Data, currently looking for a three-month placement abroad from June to August in a research laboratory. I have a great thirst for learning and a passion for teamwork, which allows me to thrive in collaborative projects. My aim is to improve my skills in computer science, artificial intelligence and data processing. I enjoy working on motivating and challenging subjects that keep me engaged and motivated. I'm ready to take on new challenges and make a positive contribution to your team while developing my knowledge in these areas.

WORK EXPERIENCE

Data Engineer Junior - Banque de France

Internship 2024 - 3 months

- Integrated Data Scraping with Elasticsearch .I developed Python scripts to automate data scraping from platforms using Elasticsearch, enabling the processing of large datasets essential for AI models like Retrieval Augmented Generation (RAG).
- Explored Automatic Speech Recognition (ASR): I worked with ASR technology to convert speech into text, improving the organisation's ability to analyze spoken data more efficiently through automated processes.
- Automated Processes with Selenium: I used Selenium as my main automation tool, streamlining data retrieval and boosting overall efficiency in various workflows.

Electronic Technician - Via Electro

Summer Job 2023

- Installed and maintained electronic security, access control, image and sound systems for major clients and large-scale projects. Managed network and computer rack systems.

Intern - GRDF (France's leading natural gas distribution operator)

Internship 2021/2022

- Worked at GRDF in various positions, gaining knowledge of managerial roles and financial and economic aspects.
- Learned about asbestos prevention and risks, and the concept of green gas and its ecological and economic benefits.

EDUCATION

ESAIP - IT engineering curriculum - Angers, France

Sep 2021 - Jun 2026

- Student at ESAIP Diploma accredited by the Commission des Titres d'Ingénieurs and EUR-ACE accredited by the CTI
- 2021/ 2023: 2 years of integrated preparatory courses 2023/2026: computer and network engineering cycle and Big Data option

SeAMK - Profesional Studies in Technology - Seinäjoki, Finland

Jan 2024 - May 2024

- I studied different courses all linked to IT such as C++, C# , Embedded Systems, Object-oriented Programming, Intro to AI, Laboratory Assignments in Electronics, Software Project (unity), Project Work in Automation (Unity and Twincat)

Lycée Jean Perrin - Marseille, France

Sep 2018 - Jul 2021

- High level Athlete and Basket-Ball Training academy BAC - Specialty Physics and Human Sciences, Maths option

ADDITIONAL INFORMATION

- **Programming Languages:** Python, C#, C++, JavaScript, HTML, CSS
- **Artificial Intelligence & Cloud Computing:** Azure AI, Hugging Face, LM Studio
- **Machine Learning & Deep Learning:** scikit-learn, PyTorch, Keras, TensorFlow
- **Image Processing Tools:** Matlab, Octave
- **Office Tools:** Office 365, Adobe Suite, GSuite, DaVinci
- **Project Management Software:** Jira, Microsoft Project (ProjectMS)
- **Languages:** Native French, English (B2 - 870/990 TOEIC), Spanish (B1)