

Nicolas Foussard

nicolas.foussard@outlook.fr | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

INSA Lyon <i>Engineering Degree in Computer Science (Apprenticeship)</i>	September 2025 - August 2028 <i>Lyon, France</i>
IUT La Rochelle <i>Bachelor of Science (BSc) in Computer Science</i>	September 2022 - August 2025 <i>La Rochelle/Niort, France</i>

• Member of **INSAlgo**: Participating in different session

• Member of the **Proto INSA Club**: Building Autonomous Driving on existing vehicle

• 1st year : following core curriculum

• 2nd and 3rd years : following AI/Data focused curriculum (apprenticeship)

EXPERIENCE

AI/ML Engineer <i>Alouette.AI</i>	September 2025 - Present <i>Paris/Niort, France</i>
• Start-up developing AI-powered solutions to assist engineers working on complex engineering systems.	
• Designing and implementing end-to-end AI workflows , including:	
* RAG pipelines and LLM/agent-based systems for knowledge retrieval and automation.	
* Multimodal AI (OCR, VLM) with domain-specific applications.	
* Infrastructure and deployment (cloud/on-prem) with CI/CD, monitoring, and scalability.	
Data Engineer / MLOps / Platform Engineer <i>Groupe Covéa (MAAF, MMA, GMF)</i>	September 2023 - August 2025 <i>Niort, France</i>
• Leading insurance group in France, specializing in property & casualty insurance, health insurance, and asset management.	
• 1st year as Data Engineer : designing, developing and deploying Data projects on Big Data infrastructure.	
• 2nd year as MLOps/Platform Engineer : configuring and implementing Microsoft Azure and Databricks platform dedicated to Data Science.	

PROGRAMMING CONTESTS & EVENTS

Competitive Programming Contests

Algorithmic, Cybersecurity, Web and others...

- **SWERC**: 107th/141 (2024), 100th/142 (2025)
- **24H de l'Info IUT**: 4th/21 (2023), 8th/32 (2024), 1st/39 (2025)
- **24H du Code**: Two-time winner (2024, 2025)
- **c0d1ngUP**: 3 podiums, **2 victories** (2023–2025)
- **Nuit de l'Info**: Participant (2022, 2023)

Hackathons

Diverse Challenges

- **Hackthon Frugal'IA**: Participant (2025)
- **Startup Weekend Niort**: 1st (2024)

Community Engagement

Volunteering, Organizing, and Representation

- **Nuit de l'Info**: Organizer (2024)
- **Agile Niort**: Volunteer (2024)
- **DevQuest Niort**: Volunteer (2024, 2025)
- **Student Fairs (Niort, La Rochelle, Poitiers)**: Student Representative (2023-2025)

TALKS

Au secours, de la data dans mon projet ! Streamlit à la rescousse...

Presenting Streamlit, a python library

- **DevQuest Niort**, Niort, June 2025
- **Codeurs en Seine**, Rouen, November 2025
- **DevFest Strasbourg**, Strasbourg, November 2025

Sécurisation des LLM, découverte et retour d'expérience

Talking about LLM Security, with Clément Garcin

- **IANA**, La Rochelle, June 2025