Edgar Demeude
Artificial intelligence graduate student

Objective

Master's student in AI (2025–2026), I am seeking a 5–6 month research internship at the **LIRIS laboratory in Lyon**, in the fields of **AI explainability and alignment**. My long-term goal is to continue this research path through a PhD in Japan. Curious, rigorous, and autonomous, I aim to contribute to building safe, transparent, and trustworthy AI systems.

Contact

✉ edgar@demeude.net
☏ +33 7 69 74 90 60
in linkedin.com/in/edgar-demeude
⑂ https://github.com/edgar-demeude
⌂ Lyon, France

Languages

– French (native)
– English (professional, C1)
– Japanese (JLPT N3, currently progressing toward N2 – ongoing cultural and language study)

Interests

– AI ethics and safety, explainability research
– Music (guitar, drums, piano)
– Sports (gymnastics, tricking, table tennis)
– Photography, cinematography, visual creation
– Japanese culture

Research internship in AI – explainability & alignment

Education

Master's degree in artificial intelligence (ongoing) *Claude Bernard University Lyon 1*   **2025—2026**
– Advanced modeling, bio-inspired learning, multi-agent systems, robotics, computer vision, AI ethics, deep learning, data mining, visualization, natural language processing.

Master 1 in computer science – AI options *Claude Bernard University Lyon 1*   **2024—2025**
– Supervised and unsupervised machine learning, AI fundamentals, data analysis, complexity, project management, software engineering.

Bachelor's degree in computer science and mathematics *Claude Bernard University Lyon 1*   **2020—2024**
– Object-oriented programming, web development, databases, logic and functional programming.

Academic projects

Social network simulation using LLMs   **2024**
– Exploration of the open-source platform *Y Social* to simulate interactions between AI agents using large language models (LLMs). Behavioral analysis, data mining, and social dynamics visualization.

Mini-report: limitations of LLMs   **2024**
– Critical analysis of hallucinations, bias, and ethical challenges.

Technical skills

– Languages: Python, Java, C++
– AI / data: scikit-learn, pandas, numpy, Keras, PyTorch
– Tools: Git, Jupyter, Next.js, REST APIs
– Systems: Linux, Windows

Professional experience

Full-stack developer (internship) *Lianeli, Lyon*   **2024**
– React dashboard, Ant Design, Tailwind CSS, Strapi API, UI modularization and optimization.

Front desk assistant *City Hall – 1st District of Lyon*   **Since 2022**
– In-person and phone reception, request management, clear and efficient communication.

Administrative assistant *MDPH – Lyon Metropolis*   **July 2022**
– Administrative file verification, rigor, and compliance with procedures.

Volunteer renovation project *Saône-et-Loire*   **August 2021**
– Collective manual labor as part of the renovation of a historic manor.

Planned research internship

5–6 months starting February 2026 at the **LIRIS laboratory in Lyon**, with focus on **AI explainability and alignment**. Long-term goal: a PhD in Japan on the same topics, bridging research and applications.