

# ROMEO FROGER

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## SUMMARY

Engineering student in computer science at EFREI Paris in a work-study program, I am looking for a 3-year apprenticeship with a schedule of 3 days per week in a company, in the IT field. Available from June, I am eager to apply my skills and contribute to innovative projects within a dynamic company.

## EDUCATION

- Engineering Degree** **Sept 2025 - June 2028**  
EFREI Paris
  - Major in Software and Information Systems
  - Work-study program
- Bachelor's Degree in Digital Science** **Sept 2021 - June 2024**  
Université Catholique de Lille
  - Work-study program in Bachelor's Year 3 (L3)

## WORK EXPERIENCES

- Work-Study Software Engineering & AI Systems Analyst** **Sept 2025 - Aug 2028**
  - Design and deployment of AI-driven tools supporting productivity, decision-making, and operational efficiency within complex industrial systems.
  - Analysis and structuring of data and AI workflows (from data ingestion to model integration), with a strong focus on performance, robustness, and real-world constraints.
  - Contribution to strategic digital transformation projects, bridging technical AI solutions with business, cost, and scalability considerations.
- Full Stack Developer Apprenticeship SNCF Connect & Tech** **Sept 2023 - Aug 2024**
  - Full-stack development (React / Symfony) of scalable internal web applications, within an Agile environment.

## PROJECTS

- IBM Generative AI Engineering – Professional Certification (in progress)**
  - Applied training in generative AI and machine learning, covering model development, evaluation, and real-world use cases (8/16 courses completed).
  - Hands-on work on AI workflows, from data preparation to model integration in production and decision-support contexts.
- Development of an intelligent CLI conversational agent**
  - Building an interactive CLI agent that can engage in real-time dialogue with users using the OpenAI GPT-4 API.
  - Each user has a dedicated vector memory (using embeddings and a RAG architecture) stored in DynamoDB, enabling contextual message retrieval through cosine similarity. Techno : Node.js, TypeScript, OpenAI SDK, DynamoDB (AWS), Bash, CLI

## SKILLS

- React, Symfony
  - Linux environments
  - Git (GitHub / GitLab)
  - Autonomous and proactive
  - Strong team collaboration skills
- Python, SQL, Java, TypeScript, Bash
  - Data processing and scripting for AI workflows
  - Foundations in Machine Learning & Generative AI
  - AI systems integration and deployment (in progress)