



Valentine Fleith

Software Engineer

Profile

Software Engineer at Illuin Technology since March 2025

Contacts

Fontenay-sous-Bois
06 33 70 24 40
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Skills

- **Programming Languages:**
C/C++, Python, TypeScript, Java, Rust, Bash
- **Frameworks:**
NestJS, Spring Boot, Angular
- **Machine Learning / Data:**
PyTorch, NumPy, Pandas, Scikit-learn, Hugging Face transformers, Matplotlib
- **Tools :**
Docker, Git, Pulumi, CI/CD

Language

- French (native)
- English (C2)

Experience

sept 2025 - now
Puteaux



Software Engineer

Illuin Technology

- Contribution to the development of **Speech Analyzer**, an advanced platform for the **AI-driven analysis** of conversational data (LLM-as-a-judge methods, NLU...)

march - aug 2025
Puteaux

Software Engineer Intern

Illuin Technology

- Contribution to the development of **Illuin Dialogue**, a low-code platform for conversational bot orchestration and deployment.
- Designed and implemented a **new analytics module** to monitor the performance of **LLM-based conversational agents**.
- Contribution to the **Agent-Analyzer** component for **Speech-Analyzer**, providing deep-dive performance metrics for agentic bots

jun - sept 2024
Palaiseau / Paris



Research Intern

Télécom Paris / Inria

- Automatic analysis of **audio components** of public speeches
- Extraction of audio features and **machine/deep learning analysis**
- Application of statistical methods and exploration of **explainable AI (correlations, SHAP values)**
- Development of new audio-textual features

Education

2023 - 2025
Paris



Computer Science

42 Paris

- Disruptive pedagogy based on **peer learning**. Collaboration with multicultural and international profiles.
- **C/C++ languages** through various projects (rewriting UNIX tools, graphical projects, etc.), and **Python** for Machine Learning

2023 - 2025
Paris



Master's in Natural Language Processing

Universités Sorbonne Nouvelle /Paris-Nanterre /Inalco

Skills for **NLP** and **Data Science**: programming courses, mathematics, machine learning, LLMS, computational linguistics.
(With Highest Honors)

2018 - 2021
Rouen



Preparatory Class (*Hypokhâgne/Khâgne*)

Lycée Jeanne d'Arc

Completion of a Bachelor's degree in Modern Literature at the University of Rouen (With Highest Honors) + Attainment of **partial admission qualification for the ENS** (École Normale Supérieure) of Lyon.