# Vianney Hervy

Software Engineering Student - Java / Spring / Web Development Available from March 2026 for a 6-month internship (Paris or remote)



2023 - 2026

## Contact

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### Technical skills

- Programming: Java, Python, JavaScript, TypeScript
- Frameworks: Swing, Sping, Express.js, Node.js
- Tools: Git, Linux, Maven, REST APIs, Cloudflare

## Spoken languages

- French (Native)
- English (Fluent, C1)
- German (A2-B1)

## Soft skills

- Teamwork
  - school project
  - scouting
- Critical thinking
  - epistemology, zetetic
- Pedagogy
  - scouting
  - tutoring

## Hobbies & Interests

- Open Source Contributions
- GNU/Linux
- Scouting (10 years)
- Rock climbing (when I have time)
- Biking

## **Education**

#### Master's Degree in CS and Software Engineering

ENSEEIHT, Toulouse, France

- · Specialisation: Software & Systems Engineering
- · Projects:
  - Full Web application (Java, React, SQL)
  - Peer to Peer file sharing system (Java, Swing)

"Preparatory class", Math, Physics, CS

2021 - 2023

Janson-De-Sailly highschool, Paris, France

 Algebra, Analysis, Functional & dynamic programming, Mechanics, Thermodynamics, Chemistry, Thermochemistry

#### **General Baccalaureate**

2014 - 2021

Le Caousou highschool, Toulouse, France

Baccalaureate with honors majored in math and physics, ancient Greek option

## **Projects**

#### **Cloud Hervy - Google Drive clone**

2024

Personal project

- Designed a full-stack file-storage app using Express.js, Typescript and Node.js
- Implemented a REST API for file operations
- · Focus on modularity adn maintainability

#### Particle life simulator

2014

ENSEEIHT, OOP class

- Developed an interactive particle simulation using Java and Swing
- · Practiced OOP design patterns and agile teamwork

## **Professional Experience**

#### Intern Software developer

Jun - Jul 2025

IRIT, Toulouse, France

 Developed a Java annotation processor that generates runtime contract checks from JML-style specifications using ANTLR and JavaC AST manipulation, delivered as a tool for student use.

### Intern Web Developer (WordPress)

Jun 2024

2023

Les Maths En Scène, Toulouse, France

 Redesigned the association's digital identity by revamping its website (WordPress web development).

#### **Private Maths and Physics Tutor**, Freelance

2022 - present

Toulouse & Paris, France

- · Weekly home tutoring
- Volunteer tutoring in a Parisian highschool

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Arcadie's Gardens (senior's residence), Toulouse, France

- · Service at the residence restaurant
- Meal delivery to apartments for the most disabled residents

Shadowing intern, Public research labs

Dec 2017 & Jun 2019

BIPM & IRAP, Toulouse & Paris, France

- Exploration of work conducted on measurement units
- Understanding the importance of teamwork (international, inter-laboratory)
- Familiarization with methods for designing space missions