Vianney Hervy

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

Contact

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Technical skills

- **Programming**: Java 11/17/21, Python 3, JavaScript, TypeScript
- **Frameworks**: Swing, Spring, Express.js, Node.js
- **Tools**: Git, Linux, Maven, REST APIs, Cloudflare

Spoken Languages

- **French** (Native)
- **English** (C1)
  - ‣ 2-year US expat & classes
- **German** (B1)
  - ‣ Erasmus exchange & classes

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

Erasmus exchange semester Sep 2025 - Feb 2026
Konstanz Hochschule, Konstanz, Germany
- Cloud Application Development (Google Cloud, Docker, GitHub Actions CI)

Master's Degree in CS and Software Engineering Sep 2023 - Sep 2026
ENSEEIHT, Toulouse, France
- Specialisation: Software & Systems Engineering
  - ‣ Full Web application (Java, React, SQL)
  - ‣ Peer to Peer file sharing system (Java, Swing)

"Preparatory class", Math, Physics, CS Sep 2021 - Jul 2023
Janson-De-Sailly highschool, Paris, France
- Algebra, Analysis, Functional & dynamic programming, Mechanics, Thermodynamics, Chemistry, Thermochemistry

General Baccalaureate Sep 2014 - Jun 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 and REST API using Express.js, Typescript, Node.js and MongoDB
- Focus on modularity and maintainability

Particle life simulator 2024
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
Les Maths En Scène, Toulouse, France
- Redesigned the association's digital identity by revamping its website

Private Maths and Physics Tutor, Freelance 2022 - present
Toulouse & Paris, France
- Weekly home tutoring / Volunteer tutoring in a Parisian highschool

Waiter 2023
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