Vianney Hervy

Software Engineering Student

Seeking a 6-month Master's thesis internship (from march 2026, Paris or remote)

Contact

- ✉ vianney.hervy@etu.inp-n7.fr
- ⚙ https://github.com/sully-vian
- 📍 Konstanz, Germany
- 📞 +33 7 69 88 85 92
- 🔗 https://linkedin.com/in/vianney-hervy-9b6493265/

Technical skills

- **Programming**: Java, C/C++, Bash, JS, TS, Python 3, ADA
- **Frameworks**: Spring, Swing, Express.js, OpenMP, OpenGL
- **Tools**: Git, Linux, Maven, REST APIs, Cloudflare, Google Cloud

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

Hochschule Konstanz, 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: Formal Methods and Software & Systems Engineering
- Practical coursework and lab work in software development, verification and theoretical computer science
- Team projects in software engineering, web dev and formal methods

"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

- Discovery of the JS ecosystem: Express.js, TS, Node
- Development of a REST API (server/client)

Particle life simulator   2024

ENSEEIHT, OOP class

- Agile methods and Scrum framework
- Java OOP, Java Swing

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 (WordPress web development).

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