



ALEXANDRE PERROT

PROFILE

Second-year computer engineering student at ENSEEIHT, specializing in software engineering, seeking a **2 to 3-month internship** starting from June 2025 in the field of software development.

CONTACT DETAILS

- +33 6 25 00 51 94
- alexandre.perrot54@proton.me
- Toulouse and Nancy
- Driver's license
- <https://linkedin.com/in/aperrot54>
- <https://alexandreperrot.fr>

HARD SKILLS

Programming

Java ; Python ; PHP ; C ; Perl
Functional programming : OCaml, Scala
Mobile development : Dart, Flutter
Design pattern ; unit tests ; SOLID principle

Web développement

HTML ; CSS ; JavaScript ; TypeScript ; Springboot
Frameworks : React, Tailwind, Angular, Next.js

DevOps

Docker ; CI/CD ; cloud deployment (AWS)

Data management

MySQL ; Oracle ; PostgreSQL ; MongoDB ; Redis

Collaboration

Git, Trello, Agile methodology

SOFT SKILLS

- Adaptability
- Communication and teamwork
- Rigor
- Independence
- Curiosity

LANGUAGES

- English (C1)
- French Sign Language (A2)

INTERESTS

- Competitive Programming
- Technological Watch
- Badminton
- Cinema

SOFTWARE ENGINEERING INTERNSHIP

EDUCATIONAL BACKGROUND

Master's Degree in Computer Science

Software Systems Track
ENSEEIHT - Toulouse
2024 - Now

Bachelor's Degree in Computer Sciences

Software Engineering Specialization (RA-IL)
IUT Nancy-Charlemagne
2021 - 2024

Obtained as a double degree with the Bachelor in Mathematics and Computer Science Applied to Human and Social Sciences (MIAHS)

French Baccalaureate, with honors

Specialization in Computer Science and Mathematics
Lycée Henri Loritz - Nancy
2018 - 2021

PROFESSIONAL EXPERIENCES

Graduation internship - Software developer

LORIA (MULTISPEECH Team) - Nancy | April - August 2024

- Overhaul of a speech processing software
- Acoustic signal processing
- Implementation of a CI/CD pipeline and automated unit tests
- Development using Java with JavaFX

Internship - Fullstack Web Developer

Dynalips - Nancy | February - April 2023

- Improvement and maintenance of an audiovisual synthesis platform
- Implementation of a testbench to test the site's performance
- Development using Nest.js with React and Python

IT Support Assistant

DSI CHRU Nancy | Summer 2022

- Drafting technical manuals
- User support
- Inventory management

PROJECTS

Association management website (ENSEEIHT | 2025) -
React ; TailwindCSS ; Java ; Springboot ; HSQLDB

CyclistML (ENSEEIHT | 2025) - Development of a dataset and a cyclist
detection model to verify helmet usage
Python ; Tensorflow Keras

Newtonoid (ENSEEIHT | 2025) - Creation of a brick-breaking video game
OCaml

Mimir (IUT Nancy-Charlemagne | 2024) - Educational web learning
platform with digital flashcards integrating an LLM to generate cards from
lecture notes.
Next.js ; React ; Python (Flask - SBERT) ; Ollama ; MongoDB ; Docker

CrazyCharlyDay (IUT Nancy-Charlemagne | 2023) - Winner of a
competition organized by the IUT among all students to develop a
Click&Collect website for an organic grocery store.
HTML ; CSS ; PHP ; JavaScript ; MySQL

DGen (IUT Nancy-Charlemagne | 2022) - Software for generating class
diagrams for Java projects.
Java ; JavaFX

NetVOD (IUT Nancy-Charlemagne | 2022) - Development of a streaming
site similar to Netflix.
HTML ; CSS ; PHP ; JavaScript ; MySQL