# Ben GAUDRY

*Computer Science Student / Internship Search*

## Profile

Third year Computer Science student, passionate about software development, and especially web development. I am eager to apply my technical skills to contribute to the growth and success of your company's projects. I am currently seeking **an internship as an engineer assistant starting from September 2026**.

## Education

- **Computer Science Engineering Degree at Polytech Lyon (currently)**

Object-oriented programming with Java, UML, Web development, Computer structure, Programming languages Theory and compilation, Project management, Business Management, Business Law

- **Integrated Preparatory Class at Polytech Grenoble and University Grenoble Alpes**

Functional programming, Software development and testing, Linear algebra, Numerical analysis

## Professional Experience

- **Electromechanician Assistant**
  *F3C Motors and Drives - Saint Chamond - 2024, 2025 (1Mo)*
  On-site work, equipment handling, disassembly, reassembly of electrical motors.
- **Private Mathematics Tutor**
  *At the student's home - 2025*
  Private mathematics lessons to a student in 10th grade.
- **Support Worker**
  *Foyer les Mûriers - Bussières (42) - 2025 (2Mo)*
  Assisting people with disabilities in a residential care home

## Skills

- **Languages :** French (Native), English (C1), Italian (notions), Spanish (Notions)
- **Web development :** HTML, CSS, TypeScript, React, TailwindCSS, NextJS, Prisma, NodeJS, OracleSQL, Php, VueJs, ExpressJS
- **General development :** Java, Python, C, ARM assembly, Git, GitHub, UML

## Projects

**College**

- **Compiler :** A compiler written in Java using Antlr for a custom language. Vivacity analysis, conflicts graphs, interference graphs and spilling.
- **2D Engine :** Game engine for 2d games in Java (TicTacToe, 4 in a row..) using UML diagrams.

**Personal**

- **Split Tabs :** A firefox addon for a split view
  (https://addons.mozilla.org/en-US/firefox/addon/split-tabs)
- **Studyswipe :** A webapp for students to study their courses with flashcards
  (https://studyswipe.vercel.app)
- **Portfolio :** My portfolio built with react (https://bengaudry.github.io/portfolio)