

# Ben Gaudry

Computer science student in 3rd year, passionate about computers and software. I am looking for a 20-week long internship, starting in September 2026, in software development, or low-level development (OS, compilers...).

## EDUCATION

### Polytech Lyon, Computer science engineering

SEPTEMBER 2025 - JUNE 2028

### Université Grenoble Alpes & Polytech Grenoble, Integrated preparatory class for Polytech

SEPTEMBER 2023 - JUNE 2025

## PROJECTS

### Split tabs — Firefox addon for a split view (200+ users)

Design, browser apis, web development, open-source collaboration

<https://addons.mozilla.org/en-US/firefox/addon/split-tabs>

### Studyswipe — Web application to study with flashcards

APIs, GPT and gemini generation of flashcards based on documents, or prompts, fullstack development

<https://studyswipe.vercel.app>

### Compiler — At school : custom C-like language compiler in Java

Custom intermediate representation (arm asm like), control-flow graphs, variable vivacity analysis, ANTLR...

### Automatic plant irrigation system — At school : Arduino-controlled irrigation system with sensors

Low-level programming, arduino, electronics, sensors (brightness, humidity, temperature...), C++ programming ...

## EXPERIENCE

### Support Worker, Foyer les Mûriers

Bussières (42), 2025 (2 months)

Worked with people with disabilities autonomously. Handling difficult situations. Decision making,

### Electromechanician Assistant, F3C Motors and Drives

Saint-Chamond (42), Summer 2024

Assembly / disassembly of industrial electrical motors, on-site and factory work. Autonomous and manual work.

### Private Mathematics Tutor

Lessons given in 2025 for a student in 10th grade.

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Villeurbanne (France)

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## SKILLS

### – Web

Typescript, Nextjs, Vue.js, PHP, Express, Rest apis, Prisma, SQL

### – Tools

Git, Github, Firebase, Supabase, Vercel, Netlify, Figma, Vitest

### – Programming

Java, Python, C, C++, Assembly, Linux, Open-source

### – Soft skills

Scrum, flexibility, autonomy, decision-making,, curiosity

## RELEVANT COURSEWORK

- Programming languages theory and compilation
- Computer structure
- Operating systems
- Algorithms & complexity
- Functional programming
- Object oriented programming

## VOLUNTEERING

Treasurer for a youth association in my village (organization of events, paperwork, accounting..)

Organisation of a fair trade in Polytech Lyon Faire trade with a 10,000€ budget, multiple companies invited...

## LANGUAGES

French (native)

English (Full professional proficiency, C1)