

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...).

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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.

SKILLS

- Web

TypeScript, Next.js, 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...)

Organization 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)