

# Ben Gaudry

📍 Villeurbanne (France) 📞 +33 6 37 29 79 26 ✉ [ben.gaudry@etu.univ-lyon1.fr](mailto:ben.gaudry@etu.univ-lyon1.fr)  
🌐 [github.com/bengaudry](https://github.com/bengaudry) 🌐 [bengaudry.dev/en](https://bengaudry.dev/en) 🌐 [linkedin.bengaudry.dev/en](https://linkedin.bengaudry.dev/en)

Computer science student in 3<sup>rd</sup> year, passionate about computers and software. Looking for a 20-week internship starting in September 2026 for my 4<sup>th</sup> year in software development.

## Education

### Polytech Lyon

Computer science engineering

Sept. 2025 - June 2028

### Université Grenoble Alpes

Integrated preparatory class for Polytech

Sept. 2023 - June 2025

## Projects

### Side by Side — Firefox addon for a split view (200+ users)

<https://addons.mozilla.org/en-US/firefox/addon/side-by-side>

- Created designs, learned browser APIs, acquired skills in web development.
- Collaborated with open-source contributors.

### Studyswipe — Web application to study with flashcards

<https://studyswipe.vercel.app>

- Used APIs for generating flashcards with GPT and Gemini based on documents or prompts.
- Worked on an authentication system; enhanced full-stack development skills.

### Real-time chat app — Client/Server implementation — School project

- Built with Java using a multi-threaded architecture (server + clients).
- Used socket connections and datagram packets for communication.

### Website for the trade fair in Polytech Lyon

<https://forum-polytech-lyon.org/>

- Displaying invited companies, conference planning, and live animations.
- Realized with Vue.js, and worked with GitHub Actions for CI.

### Compiler — Custom C-like language compiler in Java — School project

- Computed control-flow graphs and provided variable vivacity analysis using ANTLR.
- Learned the basics of language theory and compilation.

### Automatic plant irrigation system — Polytech Grenoble — School project

- Built with Arduino and C; implemented a controller for optimal watering.
- Used multiple sensors (soil moisture, temperature, light) and actuators (water pump, screen).

## Experience

### Support Worker

Foyer les Mûriers — Bussières (42)

Summer 2025

- Worked autonomously with people with disabilities.
- Handled difficult situations and sharpened decision-making skills.

### Private Mathematics Tutor

Self-employed

- Supported 10th-grade students in building a solid foundation in mathematics.

## Skills

### Web

Typescript, Next.js, React, Vue.js, PHP, Express, Rest APIs, Prisma, SQL, Vite, Vitest, Tailwind-CSS, OracleSQL, PostgreSQL, MySQL, PWA

### Tools

Git, GitHub, Docker, Firebase, Supabase, Netlify, Vercel, Figma, VS Code, LaTeX, Gradle

### Programming

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

### Soft Skills

Scrum, adaptability, autonomy, decision-making, curiosity

## Relevant Coursework

- Web development
- Algorithms & complexity
- Functional programming
- Object-oriented programming
- Databases
- Operating systems
- Graph theory
- Architecture of information systems
- Computer Networks

## Volunteering

**Treasurer**, youth association in my village.

Organize events, manage paperwork and accounting.

**Trade fair organizer**, Polytech Lyon.

Handle a €10,000 budget; invite and welcome a wide range of companies.

## Languages

**French** (native)

**English** (Full professional proficiency, C1)