*Eldred* HABERT
*Chambre 2B301*
*15 rue Roche-Genès*
*63 170 Aubière*

# 3<sup>rd</sup> year engineer student
## looking for end-of-studies internship

21 years old
+33(0)6 52 34 58 80
contact@eldred.fr
https://eldred.fr

## EXTRACURRICULAR

Since August 2019: **RGBDS maintainership**

- Sizable C codebase (~ 16000 lines) from the 90's
- Important gradual rewrite (~ 1/3 over 2 years)
- 3 major releases (including a dozen important features)
- User interactions
- Website redone
- Being rewritten in Rust

Since December 2016: **Programming of my personal website**

- v1 using Bootstrap, v2 using Jekyll + theme, v3 with custom Jekyll
- Some online tools (jQuery + Bootstrap)
- Next objective: performance improvements (JavaScript optimization, content size, etc.)
- Special care to *responsive* design

2017 — 2018 : **Homebrew Game Boy video game**

- First teamwork experience (4 teammates)
- Need to use Git properly

## SCOLARSHIP

***Diplôme d'ingénieur* (~ M.Eng) in CompSci** — ISIMA, Sept. 2018–2021 (expected)

- Security & networks minor, certified *CyberEdu* et *SecNumEdu* by the ANSSI
- CyberAcademy (Cisco certification)
- 2<sup>nd</sup> year project on pentesting

**2<sup>nd</sup> year of CompSci *Licence*** — Université Clermont Auvergne, 2017–2018

- Intensive programming, both during and outside of classes
- Free time spent learning assembly

**CPGE, filière MP** — Lycée Blaise Pascal (Clermont-Ferrand), 2015-2017

- Optional course on middle-to-high level programming theory
- Techniques of formal code verification

**High school** — Lycée La Fayette (Brioude), 2015

- A-Levels passed *magna cum laude*

## STRONG POINTS

- Reasoning
- Fast discovery and learning
- Leadership, experience managing small teams

## TOOLS

| | |
|---|---|
| **Collaboration** | Git ★★★★☆ |
| **Presentation** | LaTeX ★★★★☆, HTML+CSS (Reveal.js) ★★★★☆ |
| **Programming** | Make ★★★★☆, CMake ★★☆☆☆ |

## PROGRAMMING LANGUAGES

| | |
|---|---|
| C | ★★★★★ |
| Python | ★★★★☆ |
| C++ | ★★★☆☆ |
| Assembly | ★★★☆☆ |
| JavaScript | ★★★☆☆ |
| bash | ★★★☆☆ |
| Rust | ★★☆☆☆ |
| Java | ★★☆☆☆ |
| C# | ★★☆☆☆ |
| Lisp | ★☆☆☆☆ |
| PHP | ★☆☆☆☆ |

## LANGUAGES

| | |
|---|---|
| 🇫🇷 French | Mother tongue |
| 🇬🇧 English | C1 level (955 TOEIC) |
| 🇩🇪 German | B1 level |
| 🇯🇵 Japanese | Basic |

## HOBBIES

- Club staff: game development; infosec
- Member of a board games & roleplay club
- Indoors climbing, biking