

Louis Legrand

Passionate and willing to learn computer engineering. Learn quickly and listen attentively to best fit the team. Studied for three years in apprenticeship as a computer science engineer.

Work experiences

Onizuka Laboratory, Osaka, Japan — *Big data searcher*

March 2024 to June 2024

Internship at the Onizuka Laboratory, affiliated with Osaka University, focusing on research to optimize requests in distributed databases.

Openium, Clermont-Ferrand, France — *Android developer*

March 2021 to Today

Android developer in apprenticeship, worked on all age android code base, from XML view model architecture to modern jetpack (Compose), project.

Arke, Issoire, France — *Embedded Developer*

September 2020 to December 2021

Embedded developer in apprenticeship for a startup. Worked on mobile (Dart Flutter), embedded and software (Java) projects.

Education

ENSSAT graduate school of engineering part of RENNES 1 university, Lannion, Brittany, France — *Engineering degree in apprenticeship*

September 2021 to August 2024

University UCA, Clermont-Ferrand, Auvergne, France — *Bachelor's degree*

September 2020 to August 2021

University UCAQ, Chicoutimi, Québec Canada

January 2020 to May 2020

Academic exchange in Canada for my second year university diploma in computer science.

University UCA, Clermont-Ferrand, Auvergne France — *Second year university diploma in computer science*

September 2018 to August 2020

Project

Personal :

Participated in numerous cybersecurity competitions:

- 3^e at Break the code Brittany, organized by Sopra Steria
- 99^e out of 3800 at the 404CTF organized by the DGSE.

Professional :

Developed multiple native android applications using modern and legacy technology. The biggest project I've worked on to date is Enki for Leroy Merlin.

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Skills

Android development.

Scripting, cyber-security, algorithm challenge.

Database engineering.

Languages

French - Native Speaker

English - TOEIC 925

French Sign Language (basic level)

Technological

Programming Language:

- Kotlin, Java
- Python
- Javascript, HTML, CSS
- C, C++

Technologies:

- JetBrains IDE / Visual studio code
- Jetpack compose
- Android library
- SQL, NoSql database
- SvelteKit, tailwindcss
- Pwntools, PyTorch

Interests

Manga / Japanese animation

Travelling (Canada, Croatia, England, Spain, Japan)

CTF, algorithm challenge.

Sport :

- Underwater hockey (10 years)
- Water polo (1 year)

References upon request