

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 2021 to Today

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 :

Developed an embedded system to automate an ax throwing game. The system was developed on raspberry and connected to a projector to display targets on a wooden plate.

Professional :

Developed multiple native android applications using modern and legacy technology.

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Skills

Android development.

Embedded and game development.

Scripting, cyber-security, algorithm challenge

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

Interests

Manga / Japanese animation

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

CTF, algorithm challenge.

References upon request