

# 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

### 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. Developed my own website, [lolegrand.website](http://lolegrand.website).

### Professional :

Managed the development in an embedded project to create an HMI using a led matrix and capacitive sensor. 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**