

# Loris CROCE

Software Engineer

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🏠 63 000 Clermont-Ferrand, France 🚗



## Experience

### Software Engineer

2022 - Present

INRAE, TSCF

Aubière, France

- French National Research Agency CoSWoT (Constrained Semantic Web of Things) project.
- IoT use cases implementation in WP4: Embedded low-power software development communication, data integration.

Arduino Platformio LoRa Wi-Fi BLE InfluxDB MQTT

### Software Engineer

2022

LIMOS, JEOLIS SOLUTIONS (LOJELIS)

France

- France renewal R&D ORALOOs project: interfacing OWL & ASP technologies for e-TPE.
- Collaboration between research lab and R&D company: implementation of scientific literature standards.

Clingo Python Owlready2

### Tutor

2021 - Present

UNIVERSITÉ CLERMONT AUVERGNE, ISIMA

Aubière, France

- Software Engineering, Programming
- Web development, Databases

C SQLite HTML CSS Javascript Java Php

### Research Engineer

2020 - 2021

INRAE, LISC

Aubière, France

- I-Site CAP20-25 Agriterix project
- Development of a model to simulate agricultural transition from heterogenous data sources

Java XStream

### Intern

2020

LIMOS, ANALGESIA INSITUTE

Aubière, France

- eDOL and e-health mobility & big data projects: developing tools for mobility study, sensor to user.

Android Django

### Intern

2019

IRSTEA

Aubière, France

- Georeferenced data anonymization : design and development of spatial anonymization algorithms

Python Pandas

## Education

### Master of Science in Computer

2018 - 2020

Science

UNIVERSITÉ CLERMONT AUVERGNE

Aubière, France

Specialization in software engineering and application integration.

### Bachelor of Science in Computer

2016 - 2018

Science

UNIVERSITÉ CLERMONT AUVERGNE

Aubière, France

### College Technical Degree

2013 - 2015

IUT D'ALLIER, UNIVERSITÉ BLAISE PASCAL

Vichy, France

### High School Degree

2013

LYCÉE POLYVALENT

Chamalières, France

## Technical Skills

### Web

HTML CSS JavaScript Php Wordpress

### Programming

C C++ Java Python Lua R

### Databases

InfluxDB MariaDB PostgreSQL MongoDB SQLite

### Tools

GNU/Linux Git LaTeX Typst Docker

## Languages

### French

Native Language

### English

Fluent

### Italian

Intermediate

## Personal Interests

FOSS 🎸 🚲 🧠 Science