

# Benjamin Cathelineau

YOUNG GRADUATE, LOOKING FOR A EMBEDDED SOFTWARE ENGINEERING JOB

Chemin des Gravieres 2B, 1290 Versoix, Switzerland

☎ (+33)651683524 | ✉ bencathelif@gmail.com | 🏠 olimar718.github.io/ | 📷 olimar718 | 🌐 benjamin-cathelineau-391484172/

## Education

### Grenoble INP - Ensimag and Université Grenoble Alpes

Grenoble, France

MASTER OF SCIENCE IN INFORMATICS AT GRENoble - DISTRIBUTED COMPUTING: FROM CLOUD TO EDGE COMPUTING,  
EMBEDDED SYSTEMS AND NETWORKING

October 2021 - June 2022

- Double Degree: Engineering + Master of Science

### Grenoble INP - Ensimag

Grenoble, France

ENGINEERING DEGREE - INFORMATION SYSTEMS ENGINEERING

September 2020 - June 2022

### Université Savoie Mont Blanc, exchange with Montana State University

Bozeman, Montana, USA

BACHELOR - COMPUTER NETWORKS AND TELECOMMUNICATIONS

August 2019 - May 2020

### IUT Annecy - Université Savoie Mont Blanc

Annecy, France

UNIVERSITY DIPLOMA OF TECHNOLOGY - NETWORKS AND TELECOMMUNICATIONS

September 2017 - June 2019

## Skills

**Programming** C, SystemC, C++, Python, Java, Rust, Parallel and Distributed Programing

**Languages** French, English (TOEIC, TOEFL)

## Experience

### Université Grenoble Alpes

Grenoble, France

PHD CANDIDATE - TEST AND RELIABILITY ANALYSIS FOR CYBER-PHYSICAL SYSTEM MODELS

October 2022 - present

### Université Grenoble Alpes, DLST

Grenoble, France

TEACHER

January 2023 - May 2023

- System and Programation Environment course for first year university student
- Bash scripts, C programming basics and simple finite state machine modeling
- Labs and in class exercises

### TIMA Laboratory

Grenoble, France

MASTER 2 INTERN

February 2022 - June 2022

- Parallel Simulation of Cyber-Physical Systems/Embedded Systems in SystemC
- Continuation of a PhD

### Kayentis Company

Meylan, France

ENGINEER ASSISTANT INTERN

May 2021 - September 2021

- Automatic Response System *PowerShell* script
- Web Browser automation with *Selenium* for probing Web Services

### Givaudan Company

Vernier, Switzerland

INTERN

April 2019 - July 2019

- Research and deployment of a network monitoring solution ( Advanced Host Monitor )
- *PowerShell* scripting for automation

### Abissa Informatique Genève Company

Genève, Switzerland

INTERN

July 2018 - August 2018

- Research and deployment of an IPAM (IP address management) solution (Phlppam)