

Benjamin Cathelineau

YOUNG GRADUATE, LOOKING FOR AN EMBEDDED SOFTWARE ENGINEERING JOB

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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

- Obtained a PhD scholarship based on academic achievements

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, C++, GDB, make, Python, Java
Modeling and Simulation of Embedded Control Systems	Simulink, SystemC-TLM, QEMU, Physical Modeling (Differential Equations)
Computer Networks	Cisco CCNA 1 and 2
DevOps and Automation	Docker, Kubernetes, git, Jenkins, Shell Scripts
Languages	French (Mother Tongue), Fluent English (TOEIC 970, TOEFL 104)

Experience

Université Grenoble Alpes

Grenoble, France

PHD CANDIDATE - TEST AND RELIABILITY ANALYSIS FOR CYBER-PHYSICAL/EMBEDDED 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/Embedded Systems models 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)