Benjamin **Cathelineau**

YOUNG GRADUATE, LOOKING FOR AN EMBEDDED SOFTWARE ENGINEERING JOB

Chemin des Graviers 2B, 1290 Versoix, Switzerland

0764784813 | bencathelif@gmail.com | 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,
October 2021 - June 2022
EMBEDDED SYSTEMS AND NETWORKING

- Obtained a thesis scholaship 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 Progração 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 (PhpIpam)