

Benjamin Cathelineau

PHD STUDENT IN COMPUTER SCIENCE

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Education

Université Grenoble Alpes

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

Grenoble, France

October 2022 - present

Grenoble INP - Ensimag and Université Grenoble Alpes

MASTER OF SCIENCE IN INFORMATICS AT GRENoble - DISTRIBUTED COMPUTING THEME

Grenoble, France

October 2021 - June 2022

- Double Degree: Ingénieur + Master of Science

Grenoble INP - Ensimag

DIPLOME D'INGÉNIEUR - INGÉNIERIE DES SYSTÈMES D'INFORMATION

Grenoble, France

September 2020 - June 2022

Université Savoie Mont Blanc, exchange with Montana State University

LICENCE - TÉLÉCOMMUNICATIONS ET RÉSEAUX INFORMATIQUES

Bozeman, Montana, USA

August 2019 - May 2020

IUT Annecy - Université Savoie Mont Blanc

DIPLOME UNIVERSITAIRE DE TECHNOLOGIE - RÉSEAUX ET TÉLÉCOMMUNICATIONS

Annecy, France

September 2017 - June 2019

Skills

Programming	C, SystemC, C++, Python, Java, Rust, Parallel and Distributed Programing
DevOps and Automation	Docker, Kubernetes, git, Jenkins, shell scripts
Linux SysAdmin	DNS server (pihole), Web Server (tomcat), KVM
Windows SysAdmin	PowerShell scripts, Active Directory, Hyper V
Networks	Cisco CCNA 1 and 2
Web and Databases	HTML, CSS, JavaScript, PHP, SQL
Languages	French, English (TOEIC, TOEFL)

Experience

Université Grenoble Alpes, DLST

TEACHER

Grenoble, France

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

MASTER 2 INTERN

Grenoble, France

February 2022 - June 2022

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

Kayentis Company

ENGINEER ASSISTANT INTERN

Meylan, France

May 2021 - September 2021

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

Givaudan Company

END OF DUT INTERN

Vernier, Switzerland

April 2019 - July 2019

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

Abissa Informatique Genève Company

INTERN

Genève, Switzerland

July 2018 - August 2018

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