

# Michaël Rollin

System Engineer

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<https://github.com/mickahell>

29 years

## Experiences

- March 2020 to Today **Qiskit Advocate & Studies manager in quantum computing**, *Qiskit community*.  
Advocate for the Qiskit community, opensource contributor for Qiskit projects and also Studies manager in QC for Altran/Capgemini to education and proof of concept purposes.
- Developing the project for the Qiskit community
  - Create Docker images for quantum integration and lab environment
  - Creating automation program for solving game problems
- July 2022 to Nov 2022 **Infrastructure Engineer**, *EDF Store and Forecast*, Lyon, France.  
Engineer responsible of maintaining an infrastructure on AWS servers for the well development of embedded energy management system for batteries.
- Migration application from a physical architecture to the AWS architecture Kubernetes
  - Maintaining AWS architecture using Terraform
  - Development of new tools to help internal development
  - Automatization using GitLab CI/CD and Argo tools
- July 2018 to July 2022 **System Engineer**, *Orange by Altran*, Sophia-Antipolis, France.  
Admin system responsible of the production servers for project Meta and the Search. Project about to getting and processing every metadata of the Orange TV and process those data for the websearch Orange.
- Dockeurisation of the metadata processing system & search system
  - Migration from a physical architecture to a virtual architecture in the cloud
  - Development of a new architecture in microservices
  - Processus automatisation with Ansible

## Education

- 2016 – 2017 **Master 2**, *ESAIP Dijon (21)*, IT project management.
- 2016 **Master 1**, *LaSalle Cuernavaca (Mexico)*, Cibernética.
- 2015 **Licence 3**, *Politechnika Warsaw (Poland)*, Electrical Engineering.
- 2014 **BTS**, *St Joseph Dijon*, Electronics systems.

## Certifications

- July 2021 **IBM Certified Associate Developer - Quantum Computation using Qiskit v0.2X**, *IBM*.
- July 2021 **Qiskit Global Summer School**, *IBM*.
- 2020/21/22 **IBM Quantum Challenge - Advanced**, *IBM*, Advanced badges.

## IT skills

<u>OS</u>	Ubuntu, CentOS, Windows Server 2008 / 2012 R2
<u>Coding</u>	Go, Python, C++, QISkit, Arduino
<u>Admin. services</u>	Docker, Ansible, CI/CD, Vmware
<u>English</u>	★★★★☆ – Toeic 795 / 990
<u>Spanish</u>	★★★★☆

## Hobbies

Writer for *Full-Stack Quantum Computation*, Event manager at Pint of Science, 16 years of judo 1st dan black belt.