

# Michaël Rollin

System Engineer

37 rue de France

06000 Nice

+33 6 76 06 02 43

michael.rollin@orange.fr

https://github.com/mickahell

28 years

## Experiences

March 2020 to Today **Qiskit Advocate & Studies manager in quantum computing**, *Qiskit community & Altran*.

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.

- Creating the Qiskit Ecosystem during QAMP
- Create Docker images for quantum apps integration, laboratory environment and experiments reproducibility
- Creating automation program for solving game problems
- Writing and publish courses for education

July 2018 to Today **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.

- Dockerisation 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 automatisé with Ansible

March 2017 to Sept 2017 **Cybersecurity Engineer**, *Ekium*, Lyon.

- Development of a cybersecurity architecture with a supervision system for a seawater desalination plant in Oman.

## 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*.

Nov/May/Aug 2020/21 **IBM Quantum Challenge - Advanced**, *IBM*, Advanced badges.

## IT skills

OS Ubuntu, CentOS, Windows Server 2008 / 2012 R2

Coding Python, C++, QISKit, PennyLane

Admin. services Docker, Ansible, CI/CD, Vmware

Electronic Arduino, MPLAB, PCAD, MATLAB

English ★★★★★☆ – Toeic 795 / 990

Spanish ★★★★★☆

## Hobbies

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