

# Michaël Rollin

System Engineer

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📄 <https://github.com/mickahell>

28 years

## Experiences

- March 2020 **Studies manager in quantum computing**, Altran.  
to Today
  - Writer of training documents and tutorial in quantum computing for developer profile or general electrical engineer.
- July 2018 **System Engineer**, Orange by Altran, Sophia-Antipolis, France.  
to Today
  - Admin system responsible of the production servers for project Meta. Project about to getting and processing every metadata of the Orange TV.
  - Dockerisation of the metadata processing system
  - Migration from a physical architecture to a virtual architecture in the cloud with Docker Swarm
  - Development of a new architecture un microservices
  - Processus automatisé with Ansible
- June 2017 **Web Project Administrator**, Erasmus Student Network France.  
to June 2019
  - Responsible of the IT strategic and of the IT project of the head NGO ESN France.
  - Responsible of the European project Buddy System
  - Development of platforms : intranet, webshop, ...
- March 2017 **Cybersecurity Engineer**, Ekium, Lyon.  
to September 2017
  - 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 20/May/Aug 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 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.