Olivier Roques

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Education

2018 – 2019 **Imperial College London**, *MSc in Computing: Security and Reliability*, London, UK
Awarded with Distinction

2017 – 2018 **Eurecom**, *System Security*, Sophia Antipolis, France
Exchange program with Telecom Paris

2016 – 2019 **Telecom Paris**, *Diplôme d'Ingénieur (MSc in Engineering)*, Paris, France
GPA: 3.99/4

2014 – 2016 **Lycée Marcelin Berthelot**, *Preparatory Classes in mathematics and physics*, Saint-Maur-des-Fossés, France

Experience

03/23 – Now **DevOps Engineer**, *Scaleway*, Paris, France

10/19 – 02/23 **Network Engineer**, *Cisco*, Paris, France
- Optimization of videoconferencing applications to jointly guarantee the security, quality of experience and scalability of these systems.
- Development of an IaC platform for internal performance testing: automation (Jenkins / Terraform), deployment (VMware vSphere / Docker), data processing (InfluxDB / Grafana).
- Responsible for the security layer of hICN, an ICN (Information-Centric Networking) network architecture: implementation of authentication and integrity modules.

04/19 – 09/19 **Network Security Intern**, *Lastline*, London, UK
- Internship carried out as part of the MSc Research Project of Imperial College.
- Development and deployment of an intelligent classifier detecting malware in encrypted traffic.
- MSc Project winner of the *Corporate Partnership Programme Prize* of Imperial College London.

Projects

MSc Project (*Imperial College*) Design, deployment and analysis of a supervised classifier for detecting malicious TLS flows in corporate network traffic.

DoctiHome (*Telecom Paris*) Software and hardware assistance for the elderly at home. Finalist project of the Student Prize from the Sopra Steria Foundation in April 2017.

NOPS (*Eurecom*) A CTF team solving computer security challenges for fun.

Open Source FD.io committer of the Linux Foundation. Author of several active projects on GitHub.

Skills

Prog. C, C++, Python, Go, Lua, Bash
Tools Linux, Git, Docker, LaTeX
Expertise Cloud & Virtualization, Netowrks, System Security, Performance Testing, CI/CD

Languages

Français Native language
Anglais Fluent