Olivier Roques

Paris, France

✉ rqsolivier@gmail.com • ◉ oroques.dev • **in** olivier-roques
○ ojroques

Education

Polytechnic Institute of Paris   **Paris, France**
PhD student at Cisco Systems and the LTCI laboratory of Télécom Paris   *2021 – Present*

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

Eurecom   **Sophia Antipolis, France**
Digital Security track   *2017 – 2018*
Exchange program with Télécom Paris

Télécom Paris   **Paris, France**
Diplôme d'Ingénieur (MSc in Engineering)   *2016 – 2019*

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

Experience

Cisco Systems   **Paris, France**
PhD student   *June 2021 – Present*
○ Optimization of collaborative systems for teleworking: quality of experience, scalability and strong security

Cisco Systems   **Paris, France**
Network Research Engineer   *October 2019 – June 2021*
○ Contributed to hICN: an Information-Centric Networking architecture compatible with IP
○ Research on network traffic management: development of a specialized network scheduler

Lastline   **London, UK**
Network Security Intern, as part of Imperial College's MSc Research Project   *April 2019 – August 2019*
○ Created a machine learning-based classifier detecting malware in encrypted traffic
○ MSc Project winner of the *Corporate Partnership Programme Prize* of Imperial College London

Skills

Programming Languages: C, C++, Go, Python, Lua, Bash

Tools: Linux, Git, Docker, LaTeX

Software Engineering: Web development, Networking, Cloud & Virtualisation technologies, CI/CD

Open Source: FD.io committer of the Linux Foundation, maintainer of active projects on GitHub

Languages

French: Native language

English: Fluent