# OLIVIER ROQUES

rqsolivier@gmail.com | LinkedIn: olivier-roques

17 allee de la Tourelle 93160 Noisy-le-Grand, France | (+33) 6 33 24 89 71

www.oroques.dev

## EDUCATION

**Imperial College London**                                    October 2018 – September 2019
MSc in Computing: Security and Reliability *with Distinction*                       *London, UK*
Network & Web Security – Cryptography – Machine Learning – Distributed Systems

**Telecom Paris** (French *Grande École*)                                            2016 – 2019
MSc in Engineering
1st year: multidisciplinary studies in science and social science                 *Paris, France*
2nd year: System Security at **Eurecom**                               *Sophia Antipolis, France*

**Preparatory Classes at Marcelin Berthelot**                                        2014 – 2016
Two-year undergraduate intensive course in mathematics and physics    *Saint-Maur-des-Fossés, France*

## EXPERIENCE

**Cisco Systems, Inc.**                                            October 2019 – April 2020
*Software Engineer Intern*                                      *Issy-les-Moulineaux, France*

**Lastline, Inc.**                                                April 2019 – August 2019
*Network Security Intern*                                                         *London, UK*
· Implementation of a machine learning-based classifier detecting malware in encrypted traffic
· MSc Project winner of the *Corporate Partnership Programme Prize* of Imperial College London

**Datawords**                                                  July 2017 – September 2017
*Software Development Intern*                                          *Levallois-Perret, France*
· Development of an internal WordPress website for testing purposes
· Development of a dashboard displaying the status of company's ongoing projects

## PROJECTS

**DoctiHome, a healthcare home device for the elderly**                October 2016 – May 2017
*Group project of 7 students for Telecom Paris*
· Creation of an Android application linking the patient and its relatives
· Finalist of the *Student Award* contest organized by Sopra-Steria in April 2017

**Personal projects**                                      *My repositories: github.com/ojroques*
· `staticdep`, a Python tool to compute dependencies among object files of a static C library
· Setting up of a virtual private server serving as a web, DNS, Git and MySQL server
· Development of a secure rock-paper-scissors smart contract for the Ethereum blockchain
· Former member of *NOPS* at Eurecom, a CTF team solving security challenges for fun

## SKILLS

| | | |
|---|---|---|
| **Programming Languages** | C, C++, Go, Python, Bash | |
| **Web** | HTML – CSS, PHP, JavaScript, MySQL, Nginx | *My website: oroques.dev* |
| **Tools** | Git, LaTeX, Scikit-learn | |
| **Others** | Linux, Network management, Android Studio | |

## LANGUAGES

| | |
|---|---|
| **French** | Native language |
| **English** | Fluent (TOEFL iBT: 105/120) |
| **Chinese** | Beginner (HSK1 validated) |