OLIVIER ROQUES

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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
· Winner of the *Best (applied) MSc Project 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++, 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)