

OLIVIER ROQUES

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EDUCATION

Imperial College London MSc in Computing: Security and Reliability (double degree) Network & Web Security – Cryptography – Math for Machine Learning – Distributed Systems	October 2018 – September 2019 <i>London, UK</i>
Telecom Paris (French <i>Grande École</i>) MSc in Engineering 1 st year: multidisciplinary studies in science and social science 2 nd year: System Security in Eurecom at technology park <i>Sophia Antipolis</i>	2016 – 2019 <i>Paris, France</i>
Preparatory Classes at Marcelin Berthelot Two-year undergraduate intensive course in mathematics and physics	2014 – 2016 <i>Saint-Maur-des-Fossés, France</i>

EXPERIENCE

Lastline <i>Network Security Intern</i>	April 2019 – August 2019 <i>London, UK</i>
<ul style="list-style-type: none">Implementation of a supervised classifier detecting malware in TLS trafficSubject of my master's thesis for Imperial College London	
Datawords <i>Software Development Intern</i>	July 2017 – September 2017 <i>Levallois-Perret, France</i>
<ul style="list-style-type: none">Development of an internal WordPress website for testing purposesDevelopment of a dashboard displaying the status of company's ongoing projects	

PROJECTS

DoctiHome, a healthcare home device for the elderly <i>Group project of 7 students for Telecom Paris</i>	October 2016 – May 2017
<ul style="list-style-type: none">Creation of an Android application linking the patient and its relativesFinalist of the <i>Student Award</i> contest organized by Sopra-Steria in April 2017	
Personal projects	<i>My repositories: github.com/ojroques</i>
<ul style="list-style-type: none">staticdep, a Python tool to compute dependencies among object files of a static C librarySetting up of a virtual private server serving as a web, DNS, Git and MySQL serverDevelopment of a secure rock-paper-scissors smart contract for the Ethereum blockchain	

SKILLS

Programming Languages	C, Python, Bash	
Web	HTML – CSS, PHP, JavaScript, MySQL, Nginx	<i>My website: oroques.dev</i>
Software	Office, Android Studio	
Tools	LaTeX, Git, Scikit-learn	
Others	Linux, Network management	

LANGUAGES

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

ABOUT ME

I am passionate about technology and I love to learn how to use new tools and to embark on various projects. At Eurecom (2017 – 2018), I was part of the NOPS team, a small group of students solving CTF challenges for fun.