

# Massimo La Morgia

Ph.D student - Associate Android Developer

## about

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Italy

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🌐 Ansijax

## languages

italian: first language  
english: fluent

## programming

Python, Sklearn, Pandas  
C, C++  
JavaScript, node.js  
Java, Android  
JavaCard

## education

- |          |                                                                                        |                                    |
|----------|----------------------------------------------------------------------------------------|------------------------------------|
| 2015-now | <b>Ph.D.</b> in Computer Science<br><i>Distributed systems: Privacy &amp; Security</i> | Sapienza University of Rome, Italy |
| 2013     | <b>M.Sc.</b> Summa cum laude<br>Majoring in Computer Science                           | Sapienza University of Rome, Italy |
| 2011     | <b>B.Sc.</b> 100/110<br>Majoring in Computer Science                                   | Sapienza University of Rome, Italy |

## experience

- |                     |                                                                                                                                                                                                                                           |                                    |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 2015 - now          | <b>Ph.D. Student</b>                                                                                                                                                                                                                      | Sapienza University of Rome, Italy |
|                     | <i>Tor's users de-anonymization through machine learning technique.</i>                                                                                                                                                                   |                                    |
| 2011 - now          | <b>Android Developer Freelancer</b>                                                                                                                                                                                                       | Italy                              |
|                     | <i>Development of several Android applications as Freelancer.</i>                                                                                                                                                                         |                                    |
| 2015                | <b>Coach - Arti&amp;Mestieri</b>                                                                                                                                                                                                          | -APPOn- POR FESR Lazio 2007-2013   |
|                     | <i>"Arti&amp;Mestieri" is a project funded by "Regione Lazio". As coach i designed the product with the incubator company (MediaContents S.R.L.) and acted as team coordinator in the developing phase.</i>                               |                                    |
| 01/2013-<br>10/2015 | <b>RFIDLab - Research Fellow</b>                                                                                                                                                                                                          | Sapienza University of Rome, Italy |
|                     | <i>Technology transfer activities in collaboration with partner companies. Design and Development of mobile payments prototypes and RFID/NFC solutions. (<a href="http://rfidlab.di.uniroma1.it/">http://rfidlab.di.uniroma1.it/</a>)</i> |                                    |
| 06/2014-<br>07/2015 | <b>Software Engineer</b>                                                                                                                                                                                                                  | Consorzio Roma Ricerche            |
|                     | <i>Design and development of a Decision Support System for freight delivery.</i>                                                                                                                                                          |                                    |
| 10/2013-<br>03/2014 | <b>NFC consultant</b>                                                                                                                                                                                                                     | Paybay network srl                 |
|                     | <i>Design and development of NFC features in the Passpartù Android application. Design of the integration between the PayBay's platform and external Trusted Service Manager</i>                                                          |                                    |
| 2013                | <b>Project consultant</b>                                                                                                                                                                                                                 | SAI srl                            |
|                     | <i>Design of a mobile payment platform and compliance check</i>                                                                                                                                                                           |                                    |
| 2011-2012           | <b>C.A.T.T.I.D - Internship</b>                                                                                                                                                                                                           | Sapienza University of Rome, Italy |
|                     | <i>Technology transfer activities in collaboration with partner companies. Development of mobile payments prototypes and RFID/NFC solutions.</i>                                                                                          |                                    |

## other experiences

- |           |                                                                                                                                                                                                                                              |  |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 2012-2016 | <b>Founder TAGstagram</b>                                                                                                                                                                                                                    |  |
|           | <i>Desing, development and maintenance of TAGstagram, it is an Android application that help users to find an appropriate set of tags for their Instagram photos. Tagstagram was downloaded more then 400k times from Google play store.</i> |  |
| 2012-2016 | <b>Co-advisor MedInAction</b>                                                                                                                                                                                                                |  |
|           | <i>As Co-advisor i help MedInAction team to develop their business idea and choosing technologies. <a href="https://www.medinaction.com/">https://www.medinaction.com/</a></i>                                                               |  |

## awards

2018	<b>Google Developer Mobile Web Specialist Nanodegree</b> <i>Google Developer Scholarship</i>	Scholarship
2017	<b>Google Associate Android Developer</b> <i>badge at: <a href="https://www.credential.net/hmzsyane">https://www.credential.net/hmzsyane</a></i>	Certification
2017	<b>"Avvio alla ricerca" 2017-2018</b> <i>Sapienza University of Rome</i>	Research Grant
2017	<b>Mobile Web Specialist track</b> <i>Google Developer Scholarship</i>	Scholarship
2017	<b>Associate Android Developer Fast Track</b> <i>Google Developer Scholarship</i>	Scholarship
2015	<b>3 years PhD Scholarship</b> <i>Sapienza University of Rome</i>	Research Scholarship
2012	<b>Finalist at InnovactionLab - Startup contest</b> <i>Rechoice Project</i>	Startup Contest

## Opensource projects

### OnionGather

python.js

Onion Gatherer is a Google Chrome extension and a server component. It allows Tor users to know the hidden service status without testing them time to time.

🔗<https://github.com/rfidlabsapienza/onionGatherer-Server>

🔗<https://github.com/rfidlabsapienza/onionGatherer-ChromeExtension>

### HiFretta

node.js

HiFretta! Roma bus is a Facebook bot developed to provide informations about buses waiting time and ATAC line.

🔗<https://github.com/rfidlabsapienza/Hifretta>

## publications

### Time-Zone Geolocation of Crowds in the Dark Web

Massimo La Morgia, Alessandro Mei, Simone Raponi, Julinda Stefa

To appear in *International Conference on Distributed Computing Systems (ICDCS), 2018 IEEE*

*38th International Conference on, 2018*

### Mobile ticketing with NFC management for transport companies. Problems and solutions

U Biader Ceipidor, CM Medaglia, A Marino, M Morena, S Sposato, A Moroni, P Di Rollo, M La Morgia

*Near Field Communication (NFC), 2013 5th International Workshop on, 2013*