Massimo La Morgia

Ph.D student - Associate Android Developer

languages

italian: first language
english: fluent

programming

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

education

2015-now	**Ph.D.** in Computer Science	Sapienza University of Rome, Italy
	Profiling anonymous users of the Dark Web.	
2018	**Summer School** ICSSS2018	Leiden University, The Hague, Netherlands
	International Cyber Security Summer School.	
	Organised by: NATO C&I Agency, Europol, EY, Thales	
2013	**M.Sc.** Summa cum laude	Sapienza University of Rome, Italy
	Majoring in Computer Science	
2011	**B.Sc.** 100/110	Sapienza University of Rome, Italy
	Majoring in Computer Science	

experience

2015 - now	**Ph.D. Student**	Sapienza University of Rome, Italy
	Tor's users de-anonymyzation through machine learning techniques.	
2011 - now	**Android Developer Freelancer**	Italy
	Development of several Android applications as Freelancer.	
2015	**Coach - Arti&Mestieri**	-APPon- POR FESR Lazio 2007-2013
	"Arti&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.	
01/2013- 10/2015	**RFIDLab - Research Fellow**	Sapienza University of Rome, Italy
	Technology transfer activies in collaboration with partner companies. Design and Development of mobile payments prototypes and RFID/NFC solutions. (http://rfidlab.di.uniroma1.it/)	
06/2014- 07/2015	**Software Engineer**	Consorzio Roma Ricerche
	Design and development of a Decision Support System for freight delivery.	
10/2013- 03/2014	**NFC consultant**	Paybay network srl
	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	
2013	**Project consultant**	SAI srl
	Design of a mobile payment platform and compliance check	
2011-2012	**C.A.T.T.I.D - Intership**	Sapienza University of Rome, Italy
	Technology transfer activies in collaboration with partner companies. Development of mobile payments prototypes and RFID/NFC solutions.	

other experiences

2019	**Web Chair - HOTOS**	ACM SIGOPS

"The 17th Workshop on Hot Topics in Operating Systems"

2018	**Lecturer - Oracle Programmazione Java Web Avanzato**	Consorzio ELIS

"OPEN Lazio: Formazione per la Competitività nelle Aziende del Lazio". 24 hours of frontal teaching

2018	**Lecturer - Programmazione Android base**	Consorzio ELIS

"OPEN Lazio: Formazione per la Competitività nelle Aziende del Lazio". 24 hours of frontal teaching

2016	**Co-advisor MedInAction**

As Co-advisor i helped MedInAction team to develop their business idea and choosing technologies. https://www.medinaction.com/

2012-2016	**Founder TAGstagram**

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. Tagstram was downloaded more then 400k times from Google play store.

awards

2019	**Bots and Gender Profiling - Shared Task**	Pan @ CLEF

3td place out of 50 participants team

2019	**Cross-domain Authorship Attribution - Shared Task**	Pan @ CLEF

Runner up team

2018	**Cyber Security Challenge Contest - ICSSS2018**	Cyber Security Contest

Winner team member (Thales Group - Data inference from 2G network probes) in the International Cyber Security Summer School Contest

2018	**Google Developer Mobile Web Specialist Nanodegree**	Scholarship

Google Developer Scholarship

2017	**Google Associate Android Developer**	Certification

badge at: https://www.credential.net/hmzsyane

2017	**"Avvio alla ricerca" 2017-2018**	Research Grant

Sapienza University of Rome

2017	**Mobile Web Specialist track**	Scholarship

Google Developer Scholarship

2017	**Associate Android Developer Fast Track**	Scholarship

Google Developer Scholarship

2015	**3 years PhD Scholarship**	Research Scholarship

Sapienza University of Rome

2012	**Finalist at InnovactionLab - Startup contest**	Startup Contest

Rechoice Project

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

Bot and Gender Detection of Twitter Accounts Using Distortion and LSA

Andrea Bacciu, Massimo La Morgia, Alessandro Mei, Eugenio Nerio Nemmi, Valerio Neri, Julinda Stefa

To appear in proceeding of Conference and Labs of the Evaluation Forum (CLEF), 2019, Working Notes, 2019

Cross-domain Authorship Attribution combining instance based and profile based features

Andrea Bacciu, Massimo La Morgia, Alessandro Mei, Eugenio Nerio Nemmi, Valerio Neri, Julinda Stefa

To appear in proceeding of Conference and Labs of the Evaluation Forum (CLEF), 2019, Working Notes, 2019

Time-Zone Geolocation of Crowds in the Dark Web

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

International Conference on Distributed Computing Systems (ICDCS), 2018 IEEE 38th International Conference, 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