


## PERSONAL INFORMATION

## Lorenzo Ariemma



 Rome (Italy)



 <https://www.linkedin.com/in/lorenzo-ariemma/>

 <https://www.github.com/lorenzo93>

## EDUCATION AND TRAINING

02/11/2018–Current	<b>PhD Student in IT Engineering, Computer Networks field</b> Università degli Studi Roma Tre, Rome (Italy)	EQF level 8
09/2015–20/03/2018	<b>Master's Degree in IT Engineering</b> Università degli Studi Roma Tre, Rome (Italy) Final score 110/110 cum laude	EQF level 7
09/2012–07/2015	<b>Bachelor's Degree in IT Engineering</b> Università degli Studi Roma Tre, Rome (Italy) Final score 110/110	EQF level 6
09/2007–07/2012	<b>High School Diploma</b> Liceo Scientifico Statale Evangelista Torricelli, Rome (Italy) Final score 78/100	EQF level 4

## WORK EXPERIENCE

07/2018–10/2018	<b>Trainee</b> Plug-in Srl, Origgio, VA (Italy) Research project
06/2018–06/2018	<b>Research Collaborator</b> Università degli Studi Roma Tre, Rome (Italy) Analysis of Anomalies of Interdomain Routing
03/2015–07/2015	<b>Computer programmer</b> Technip Italy S.p.A., Rome (Italy) Setting up AirWatch (by VMware) platform for MDM of company's devices

## PUBLICATIONS

WebDB 2018	M. Cannaviccio, L. Ariemma, D. Barbosa and P. Merialdo. Leveraging Wikipedia Table Schemas for Knowledge Graph Augmentation. 2018. International Workshop on Web and Databases.
NOMS 2020 (Best Demo Paper Award)	M. Scazzariello, L. Ariemma, T. Caiazzi. Kathará: A Lightweight Network Emulation System. 2020. IEEE Network Operations and Management Symposium.
NOMS 2020	M. Scazzariello, L. Ariemma, G. Di Battista, M. Patrignani. Megalos: A Scalable Architecture for the Virtualization of Network Scenarios. 2020. IEEE Network Operations and Management Symposium.

**TECHNICAL SKILLS**
**Tools and Libraries**

ASP.NET Core, Docker, Kubernetes, Node.js, AngularJS, Arduino IDE, jQuery, Hadoop MapReduce, Apache Spark, MongoDB, Redis, Postgres, MySQL, Android, Xamarin, SQLite, Pentaho, JSP, Git, Adobe Photoshop

**Projects**

Last projects include:

- 2019 – Kathará, a network emulation tool using Docker and Kubernetes
- 2017-2018 – Mentor, a tool to augment DBpedia via Wikipedia Tables (Master thesis)
- 2017 – Crowd Lector, a Web tool to get evaluation using crowd sourcing
- 2016 – GreenBee, WebInterface and REST API for a Smart Social Urban Garden

Full portfolio on [GitHub](#), [GitLab](#) and [LinkedIn](#)

**Programming Languages**

C, C#, Java, JavaScript, Python, Prolog, PHP, Shell and Batch scripting

**Other skills**

BGP Professional Badge, from: Namex, available [here](#)

**PERSONAL SKILLS**
**Mother tongue(s)**

Italian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	First Certificate in English, Level B2, 2011 Preliminary English Test, Level B1, Pass with Merit, 2010				
Spanish	A2	A2	A2	A2	A2

**Driving licence**

A, B, Boat license both sailing and motor within 12 miles

**ORGANIZATIONS**

12/2017–12/2018

Vicepresident of MUG - Microcontrollers User Group  
<http://muglab.uniroma3.it> + <https://github.com/mugroma3> + <https://www.facebook.com/mugroma3>  
 The purpose M.U.G. Roma Tre is to develop a community of individuals who cooperate to enhance their skills on the use of programmable microcontrollers.

01/2017–12/2017

Member of MUG - Microcontrollers User Group

05/2014

Founder of GameLab @ Roma3  
<https://www.facebook.com/GameLabRoma3>  
 The aim of the GameLab is to spread knowledge about game development to members of any level of experience, by offering themed seminars and direct exchange of knowledge in co-working spaces.