

Emiliano Luci

Curriculum Vitae

Education

- 2009–2014 **Diploma di Liceo Scientifico Tecnologico**, Liceo A. Labriola, Rome, 100/100.
2014–2017 **Bachelor of Computer Science**, Sapienza University, Rome, 110 cum laude/110.
2017–2020 **Master Degree in Computer Science**, Sapienza University, Rome, 110 cum laude/110.

Bachelor Thesis

- Title *Performance evaluation of VLC-enabled mobile networks*
Supervisors Professor Chiara Petrioli
Description This thesis focused on developing a series of modules for OMNeT++ to simulate VLC networks

Master Thesis

- Title *Development and deployment of a testbed for hybrid VLC networks*
Supervisors Professor Chiara Petrioli
Description This thesis focused on developing a framework for research in the field of VLC

Experience

- 2017 **Scholarship**, SAPIENZA UNIVERSITY, Rome.
Necessary in order to graduate, spent studying the challenges of VLC networks, finding an accurate model for the simulator and worked alongside my colleague to verify that the theoretical model was verified by physically collected data.
- 2018 **Scholarship**, SAPIENZA UNIVERSITY, Rome.
Expanding on the work of the thesis, along with my colleagues I worked to develop an embedded solution for VLC. This work later led to the publication of a paper (VuLCAN : A Low-cost, Low-power Embedded Visible Light Communication And Networking Platform) at ACM MSWiM 2019.
- 2020 **Scholarship**, SAPIENZA UNIVERSITY, Rome.
Expanding on the work of the master thesis, along with my colleagues I worked to expand the framework for developing VLC systems.
- 2020 **Internship**, MAX PLANCK INSTITUTE FOR SOFTWARE SYSTEMS, Saarbrücken.
Worked on writing tools for the development of network cards architectures.
- 2021 **Internship**, EPIGENESYS S.R.L., Rome.
Worked on writing tools for automatizing the deployment of Linux on a SBC.

Rome, Italy

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2021 **Internship**, MAX PLANCK INSTITUTE FOR SOFTWARE INFORMATICS, Saarbrücken.

Worked with 3D printing technologies for computational fabrication

2022 - **PhD**, MAX PLANCK INSTITUTE FOR SOFTWARE INFORMATICS, Saarbrücken.
current Continuing my work on computational fabrication.

Rome, Italy

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Computer skills

Intermediate	C/C++, PYTHON3
Basic	JAVASCRIPT, PHP, HTML, CSS, L ^A T _E X, MIPS-ASSEMBLY, JAVA
Basic	Scons, git, Blender, Godot, UE4
Basic	Office Suite, Fusion360, EasyEDA, FlatCAM, Candle, Cura

Languages

Italian	Mothertongue	
English	Advanced	
Spanish	Basic	<i>Basic words and phrases only</i>
German	Basic	<i>Basic words and phrases only</i>
French	Basic	<i>Basic words and phrases only</i>

Language Certificates

2009	GESE Trinity College of London - Pass with Distinction
2011	PET University of Cambridge - Pass with Merit
2013	FCE University of Cambridge - Grade A

Miscellaneous

GitHub	github.com/luci-e
github.io	luci-e.github.io
Thingiverse	thingiverse.com/wireless_potato/designs
EasyEDA	easyeda.com/luciemiliano

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