

Curriculum Vitae

Name: Lorenzo Campioni
Born in: Ferrara (Italy), Dec 25th, 1993
Nationality: Italian
Address:
Mobile:
email:
Gender: Male

PROFESSIONAL ACTIVITIES AND EDUCATION

02/11/2018 - now: Engineering Science PhD Student at the University of Ferrara.

16/09/2017-13/09/2018: Intern at the Institute for Human & Machine Cognition (IHMC) in Pensacola (FL).
Collab with Nomads in different research projects about services and solutions for tactical networks.

2015-2018: Master's degree in Informatic and Automation Engineering at the University of Ferrara.
Thesis: Secure Intradomain Group Communication for Tactical Edge Networks.
Supervisor: Ing. Mauro Tortonesi.
Co Supervisor: Dr. Niranjana Suri.
Final grade: 110/110 with honors.

2012-2015: Bachelor's degree in Informatics and Electronic Engineering at the University of Ferrara.
Thesis: Bright PowerPoint un nuovo componente aggiuntivo di Microsoft Powerpoint per il supporto alla didattica ad ipovedenti e non vedenti (Bright PowerPoint a PowerPoint plug-in for visually impaired and blind person).
Supervisor: Prof. Evelina Lamma.
Final grade: 110/110 with honors.

2007-2012: High school degree in Electronic and Telecommunications at the I.T.I. of Ferrara
Copernico Carpigiani.
Final grade: 100/100.

LANGUAGES

Native language: Italian.
English: fluent (reading, speaking, listening, writing).

TEACHING ACTIVITY AND OTHER DUTIES

- 2016 - 2017 Informatics Fundamentals 2 Lab assistant, University of Ferrara.

INFORMATIC SKILLS

Programming languages: Python, Java, C, Ruby, JavaScript, Haskell, Prolog, C#, C++, Kotlin.

Non-programming languages: HTML, CSS, XML, JSONL.

Operative systems: Linux/Unix, Windows.

I used different frameworks for web application development such as Ruby on Rails and JavaServer Pages. During my studies, I worked on Internet and Cryptography projects that involved the use of concurrent programming paradigms. I also acquired low-level informatics knowledge developing a web server on an embedded system. Furthermore, during my intern at the Institute of Human and Machine Cognition in Pensacola I was involved in the maintenance, cross-compiling and development of software for embedded devices.

SOFT SKILLS

Good at team working and problem solving. Fast learner, independent, flexible, and creative.

PUBLISHED PROJECTS

Bright PowerPoint was presented in 2016 during Didamatica: a conference that exposed projects that connect the IT to didactic method.

I also worked on the porting of *Sldnfdraw* in SWI Prolog. *Sldnfdraw* is a SWI Prolog pack that allows users to print on a LaTeX document the SLDNF resolution trees made by SWI Prolog inference engine during the execution of their own programs. This pack is currently available on the SWI Prolog official website.

PUBLISHED PAPERS

- "Secure Multi-Domain Information Sharing in Tactical Networks", F. Poltronieri, L. Campioni, R. Lenzi, A. Morelli, N. Suri, M. Tortonesi, accepted for publication at the 2018 Military Communication Conference (MILCOM).
- "Experimental Evaluation of Group Communication Protocols for Tactical Data Dissemination", accepted for publication at the 2018 Military Communications Conference (MILCOM).
- "State Estimation for Tactical Networks: Challenges and Approaches", accepted for publication at the 2018 Military Communications Conference (MILCOM).