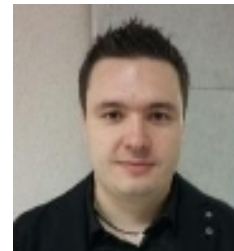


# Europass Curriculum Vitae

Updated  
August 9, 2018



## Personal information

Surname / First name

Address

Telephone

Personal Email

Nationality

Date of birth

Gender

## Desired employment/ Occupational field

## Education and training

Dates

Title of qualification awarded

Principal subjects/Occupational  
skills covered

Name and type of organization  
providing education and training

Level in national or international  
classification

Dates

Title of qualification awarded

Principal subjects/Occupational  
skills covered

Name and type of organization  
providing education and training

Dates

Title of qualification awarded

## Buracchi Marco

95, Via Pier Capponi, 50132, Firenze (FI), Italy

+39 0575/942167 Mobile: +39 3498362954

[ma.buracchi@gmail.com](mailto:ma.buracchi@gmail.com)

Italian

19/12/1985

Male

## Cybersecurity, Software Development & Research

October 2018 (expected)

Master's degree (Laurea Magistrale) in Resilient and Secure Cyber Physical Systems

Security engineering, Security and network management, Distributed programming for IoT, Multivariate analysis and statistical learning, Coding theory and computer security, Advanced techniques (and tools) for software development, Advanced topics in programming languages, Computer forensics, Models of sequential and concurrent systems, Quantitative analysis of systems, Real-time and critical systems, Systems modeling for verification, Advanced numerical analysis

University of Florence, Faculty of Maths, Physics and Natural Sciences

110/110 cum laude (expected)

08/08/2017 - 12/08/2017

Cornell, Maryland, Max Planck pre-doctoral research school

Security and privacy, social systems, distributed systems, machine learning, programming languages, and verification

Max Planck institute for software systems, Cornell University, University of Maryland

01/10/2012 - 09/10/2015

Bachelor's Degree (Laurea Triennale) in Computer Science.

Principal subjects/Occupational skills covered

Algorithms and data structures, Calculus I and II, Computer architecture, Computer networks, Computing and management, Concurrent programming, Databases and information systems, Discrete mathematics and mathematical logic, Human-Machine interaction, Information retrieval and semantic web technologies, Interpreters and compilers, Linear Algebra, Numerical analysis, Operating systems, Physics, Probability theory and statistics, Programming methodologies, Theoretical computer science

Name and type of organization providing education and training  
Level in national or international classification

University of Florence, Faculty of Maths, Physics and Natural Sciences

110/110 cum laude.

## Work experience

Dates  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer  
Type of business or sector

01/04/2015 - 01/10/2016

Research helper

I took part in AMADEOS project (Architecture for Multi-criticality Agile Dependable Evolutionary Open System-of-Systems) funded under the European Commission's FP7, supporting research in definition, implementation and evaluation of mechanisms and solutions for the resilient management of the time in the smart grid and smart cities.

Prof. Andrea Bondavalli, Resilient Computing Lab, Università di Firenze  
Research and experimentation of dependable architectures and systems

Dates  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer  
Type of business or sector

01/05/2008 - 01/09/2012

CNC Machinist and Programmer

AutoCAD drawing, CNC programming and cutting (laser, machining center)

Gabry packing, Arezzo, Italy  
Manufacturing industry

Dates  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer  
Type of business or sector

01/05/2006 - 01/05/2008

CNC Machinist and Programmer

AutoCAD drawing, CNC programming and cutting (laser, machining center, wire EDM)

Nuova 230AR, Arezzo, Italy  
Gold and jewellery industry

Dates  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer  
Type of business or sector

01/09/2004 - 01/05/2006

Technical employee

Direct measurement in field, fixture designer, autoCAD drawing, cutting programs developer

Emmedi srl, Arezzo, Italy  
Manufacturing industry

## Personal skills and competences

Mother tongue  
Other language(s)  
Self-assessment  
European level<sup>(\*)</sup>

Italian

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user		

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

Technical skills and competences

Good technical skills, especially in cybersecurity, system's safety, computer science

Computer skills and competences

Very good computer skills, learned as self-taught and through the University. Very good knowledge in the use of various programming/markup languages (among the best known: Java, Python, C, Shell Scripting, Assembler, LaTeX, Matlab, R, XML). High expertise with many tools such as Maven, Github, virtualization tools, Docker, test-framework. High skills in managing both software and hardware aspects.

Artistic skills and competences

Reasonable level in the use of guitar and in singing. I love skiing and I'm a futsal goalkeeper for more than 10 years

Driving licence(s)

Driver's license (Italian Republic, full European validity), category A (motorcycle owner) and B (car owner).

## Additional information

### References

Prof. Michele Boreale, University of Florence, Italy, [michele.boreale\(AT\)unifi.it](mailto:michele.boreale(AT)unifi.it);

Prof. Rosario Pugliese, University of Florence, Italy, [rosario.pugliese\(AT\)unifi.it](mailto:rosario.pugliese(AT)unifi.it);

Prof. Andrea Bondavalli, University of Florence, Italy, [andrea.bondavalli\(AT\)unifi.it](mailto:andrea.bondavalli(AT)unifi.it);

### Personal interests

Computers, Technology, Mathematics, Physics and Science in general. Books, Music and Entertainment. All kind of sports. Travelling around the world.

I hereby authorize the processing of the personal data contained in this CV in compliance with the Italian Personal Data Protection Code (Legislative Decree no. 196 of 30 June 2003)

Signature: