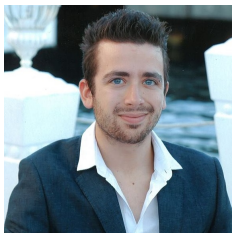
Europass Curriculum Vitae



Personal information

Surname(s) / First name(s)	**Papini Tommaso**
Address(es)	33, Via Poggio alla Croce, 50063, Figline Valdarno (FI), Italy
Telephone(s)	+39 055/9500024 Mobile: +39 334/3621205
Email(s)	tommy39@gmail.com
Nationality(-ies)	Italian
Date of birth	30/09/1990
Gender	Male

Desired employment/ Occupational field

Software Development & Research

Work experience

Dates	01/06/2016 - ongoing.
Occupation or position held	Research Fellow.
Main activities and responsibilities	Quantitative methods for the analysis of clinical pathways.
Name and address of employer	University of Florence, Department of Computer Science, Via di S. Marta 3, 50139, Florence, Italy.
Type of business or sector	Quantitative analysis of systems.

Dates	01/10/2013 - 30/11/2014.
Occupation or position held	Technical Student.
Main activities and responsibilities	Web developer for the Indico KT Project, a Knowledge Transfer project for the Indico software. For more info: https://github.com/oddlord/tesi-magistrale/raw/master/tesi/tesi.pdf.
Name and address of employer	CERN, Route de Meyrin 385 1217 Meyrin, Switzerland.
Type of business or sector	Web development.

Education and training

Dates	19/12/2012 - 20/04/2016.
Title of qualification awarded	Master's Degree (Laurea Magistrale) in Computer Science.
Principal subjects/Occupational skills covered	Data Warehousing, Programming Languages Theory, Quantitative Analysis of Systems, Information Theory, Human Computer Interaction, Numerical Analysis II, Information Retrieval, Advanced Architectures, Verification and Testing Methods, Algorithm Design and Analysis, Data Mining, Machine Learning, Sequential and Concurrent System Models.
Name and type of organization providing education and training	University of Florence, Faculty of Maths, Physics and Natural Sciences, Master's Degree in Computer Science.

Level in national or international classification	110/110 cum laude.
Dates	06/10/2009 - 14/12/2012.
Title of qualification awarded	Bachelor's Degree (Laurea) in Computer Science.
Principal subjects/Occupational skills covered	Mathematics, Computer Architectures, Algorithms & Data Structures, Programming (Basic & Concurrent), Physics, Databases, Theoretical Foundations of Computer Science, AI, Computer Networks, Neural Networks, Numerical Analysis.
Name and type of organization providing education and training	University of Florence, Faculty of Maths, Physics and Natural Sciences, Bachelor's Degree in Computer Science.
Level in national or international classification	110/110 cum laude.
Dates	September 2010 - July 2011.
Principal subjects/Occupational skills covered	Mathematics, Statistics, Physics, Codes and Security, Programming Patterns, Databases, Operative Systems.
Name and type of organization providing education and training	Technical University of Madrid, Faculty of Computer Science, Computer Engineering (Erasmus Programme).
Date	September 2004 - July 2009.
Title of qualification awarded	High School Diploma.
Name and type of organization providing education and training	State Institute of Higher Education "Giorgio Vasari", Experimental Scientific High School (PNI).
Level in national or international classification	76/100.

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment *European level*(*)	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
Spanish	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user

(*) *Common European Framework of Reference (CEF) level*

Social skills and competences	Italian Red Cross Volunteer.
Technical skills and competences	Good technical skills, especially in informatics and electronics, mostly self-taught.
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, C, Shell Scripting, Assembler, LaTeX, Matlab, HTML5, XML, Declarative Programming, SQL, λ-calculus, Python, Javascript, CSS). High expertise with many tools such as Jinja2 templates, Github, virtualization tools, SASS. High skills in managing both software and hardware aspects.
Artistic skills and competences	Reasonable level in the use of guitar and in singing.
Driving licence(s)	Driver's license (Italian Republic, full European validity), category B (car owner).

Additional information

References

Prof. Enrico Vicario, University of Florence, Italy;

Prof. Pierluigi Crescenzi, University of Florence, Italy;

Prof. Gregorio Landi, University of Florence, Italy;

Pedro Ferreira, CERN, Geneva.

Other projects

MRP steady-state: Java implementation of an algorithm for the computation of steady-state probabilities for Markov Renewal Processes. Included in the Oris tool developed at STLab, University of Florence.

Rankboost: C++ implementation of the learning-to-rank algorithm Rankboost. Included in the Quickrank tool developed at HPC Lab, ISTI, CNR. https://github.com/hpclab/quickrank.

Blindstore: Best Technology winning project at CERN Summer Student Webfest 2014 & participant of The Port Hackathon 2014 @CERN. http://blindstore.github.io/.

Algorithm Visualization in HTML5: bachelor's thesis on graphical visualization of algorithms in HTML5. https://github.com/oddlord/tesi-triennale/raw/master/tesi.pdf.

Cerithidea Decollata: neural network to simulate intertidal snails predicting the incoming tide. https://github.com/oddlord/cerithidea-decollata-model/raw/master/CerithideaModel.pdf.

Publications

Stefano Martina, Marco Paolieri, Tommaso Papini, and Enrico Vicario.
Performance Evaluation of Fischer's Protocol through Steady-State Analysis of Markov Regenerative Processes.
Università degli Studi di Firenze, MASCOTS 2016

Personal interests

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

My personal details can be processed into your data system.

Signature: