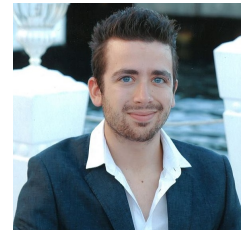


Europass Curriculum Vitae



Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Papini Tommaso

33, Via Poggio alla Croce, 50063, Figline Valdarno (FI), Italy

+39 055/9500024 Mobile: +39 334/3621205

tommy39@gmail.com

Italian

30/09/1990

Male

Desired employment/ Occupational field

Software Development & Research

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

01/06/2016 - ongoing.

Research Fellow.

Quantitative methods for the analysis of clinical pathways.

University of Florence, Department of Computer Science, Via di S. Marta 3, 50139, Florence, Italy.

Quantitative analysis of systems.

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

01/10/2013 - 30/11/2014.

Technical Student.

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>.

CERN, Route de Meyrin 385 1217 Meyrin, Switzerland.

Web development.

Education and training

Dates

Title of qualification awarded

Principal subjects/Occupational skills covered

Name and type of organization providing education and training

19/12/2012 - 20/04/2016.

Master's Degree (Laurea Magistrale) in Computer Science.

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.

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)

Other language(s)

*Self-assessment
European level^(*)*

English

Spanish

Italian

| Understanding | | | | Speaking | | | | Writing | |
|---------------|-----------------|---------|-----------------|--------------------|-----------------|-------------------|-----------------|---------|-----------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user |
| 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 20016

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:
