

## PERSONAL INFORMATION

## Tommaso Papini

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

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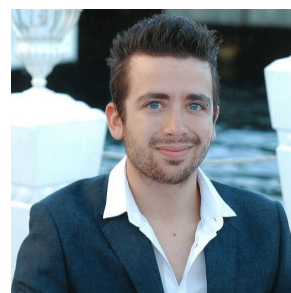
tommaso.papini@unifi.it

<https://www.linkedin.com/in/tommaso-papini/>

Skype tommy39ita

Gender Male | Date of birth 30 September 1990

Nationality Italian



## JOB APPLIED FOR Software Development &amp; Research

## WORK EXPERIENCE

## June 2016 – Oct 2016 Research Fellow

University of Florence (Italy)  
Faculty of Engineering, Department of Information Engineering  
Model based quantitative analysis for non-Markovian systems

## Oct 2013 – Nov 2014 Technical Student Internship

CERN, Route de Meyrin 385, 1217 Meyrin (Switzerland)  
Web developer for the Indico Knowledge Transfer Project, a project aimed to increased the worldwide impact of Indico. Indico is a web-application for event organization

## EDUCATION AND TRAINING

## Nov 2016 – Present PhD in Smart Computing

ISCED 8

Universities of Florence, Pisa and Siena (Italy)  
Faculty of Engineering, Department of Information Engineering  
Thesis Model-based quantitative analysis for on-line diagnosis, prediction, scheduling and compliance evaluation in partially observable systems

## Dec 2012 – Apr 2016 Master in Computer Science

ISCED 7

University of Florence (Italy)  
Faculty of Maths, Physics and Natural Sciences  
Thesis The Indico KT Project: Improving the worldwide impact of Indico  
Final Rank 110/110 cum laude

## Sept 2010 – July 2011 Bachelor in Computer Engineering (Erasmus)

ISCED 6

Polytechnic University of Madrid (Spain)  
Faculty of Computer Science

## Oct 2009 – Dec 2012 Bachelor in Computer Science

ISCED 6

University of Florence (Italy)  
Faculty of Maths, Physics and Natural Sciences  
Thesis Algorithm Visualization in HTML5  
Final Rank 110/110 cum laude

## Sept 2004 – July 2009 Scientific High School

ISCED 3

State Institute of Higher Education *Giorgio Vasari*, Figline e Incisa Valdarno (Italy)  
National Plan of Computer Studies (PNI)  
Final rank 76/100

### PERSONAL SKILLS

Mother tongue Italian

#### Other languages

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | B2            | C1      | B2                 | C1                | C1      |
| Spanish | B2            | C1      | B2                 | C1                | C1      |

Levels: A1/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient user  
Common European Framework of Reference (CEF) level

Communication skills I have worked both in research teams and development teams

Organisational / managerial skills During my PhD and my research activity I supervised several students both for exam projects and thesis research

Computer skills – programming languages: Java, C, C++, Shell Scripting, Assembler, LaTeX, Matlab, HTML5, XML, Declarative Programming, SQL,  $\lambda$ -calculus, Python, Javascript, CSS  
– tools & software: Jinja2 templates, Git, Github, QEMU, VirtualBox, SASS, Eclipse, Windows, Linux, dotfiles, Python Fabric, Jekyll

Other skills Playing the electric guitar and listening to music. Training as a boxer and doing sports in general. Reading books of various nature. Passion for science. Love to travel and experience different cultures

Driving licence 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 (Switzerland)

Publications – Stefano Martina, Marco Paolieri, Tommaso Papini, and Enrico Vicario. Performance evaluation of fischer's protocol through steady-state analysis of markov regenerative processes. In *Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MAS-COTS)*, 2016 IEEE 24th International Symposium on, pages 355–360. IEEE, 2016