



Tommaso Pirini

Date of birth: 04/02/1986 | **Nationality:** Italian | **Gender:** Male | **Phone number:** (+39) 3403301299 (Mobile) |

Email address: me@tommasopirini.com | **Website:** <http://www.tommasopirini.com> | **Skype:** tommy.piro24 |

Address: via Castiglione 84, 47522, Cesena, Italy (Home)

● WORK EXPERIENCE

2011 – CURRENT in Rimini and Bologna, Italy

ADJUNCT PROFESSOR AND TEACHING ASSISTANT UNIVERSITY OF BOLOGNA

Courses:

- Computer Programming, at the Economy, Management & Statistics School, in 2013-present.
- Data Mining and Informative Systems, at the Economy, Management & Statistics School, in 2011-2012.
- R Language Programming, at Economy, Management & Statistics School, in 2017-present.

Masters at Bologna Business School:

- Master in Data Science, in 2015-present (in English).
- Master in Marketing, Communication and New Media, in 2016 (in English).
- Executive Master in Digital Business, in 2016 (in English).
- Master in Digital Commerce, in 2017 (in English).

01/2015 – CURRENT Cesena, Italy

HIGHER EDUCATION TEACHING PROFESSIONAL

Teaching in:

- Electronics and Computer Network, at Istituto Tecnico Tecnologico B. Pascal, Cesena FC
- Computer Science, at Istituto Tecnico Agrario G. Garibaldi, Cesena FC
- Computer Science, at Istituto Tecnico Economico R. Serra, Cesena FC
- Computer Science, at Istituto Professionale Versari-Macrelli, Cesena FC
- Computer Science, at Liceo Scientifico A. Righi, Cesena FC
- Computer Science, at Istituto Tecnico Economico L. Da Vinci, Cesenatico FC

2017 – CURRENT Italy

ICT TRAINER SOME COMPANY, LIKE FITSTIC, FORMART, IFOA

- Coding in some programming languages like SQL, Python, etc.
- Web programming
- Database managing: relational and NoSQL

01/10/2015 – CURRENT Cesena, Italy

COMPUTER ENGINEER FREELANCE

- maintenance of computer
- development of web site
- computer science consulting

01/10/2016 – 15/09/2017 Cesena, Italy

RESEARCHER DISI - UNIVERSITY OF BOLOGNA

Working on Mo.Re.Farming Project

www.morefarming.it

Development and management of the Big Data Infrastructure of GIS Data

● EDUCATION AND TRAINING

06/2014 – 11/2014 Lausanne, Switzerland

VISITING PHD STUDENT École Polytechnique Fédérale de Lausanne (EPFL)

Working on the EU project "CloudSpaces: Open Service Platform for the Next Generation of Personal clouds" (STREP FP7- 317555).

In particular, on the privacy guarantee improving in cloud services.

01/01/2012 – 31/12/2014 Cesena, Italy

PHD IN COMPUTER ENGINEERING University of Bologna

Thesis title: Distributed Information Systems and Data Mining in Self-Organizing Networks: Theoretical Frameworks and Applications to Smart Cities.

Funded by Telecom Italia s.p.a.

12/2011 – 10/2012 Bologna, Italy

WINNER OF SPINNER 2013 START-UP COMPETITION Consorzio Spinner

Development of the project MY WELLNESS BIT.

Participation in economics and management courses.

Grant of € 10 000 for 10 months.

10/2011 – 05/2012 Rimini, Italy

MULTIMEDIA & GRAPHICS DEVELOPER Cescot s.r.l.

Introduction courses on Adobe Illustrator CS5, Adobe Photoshop CS5, Adobe Premiere Pro CS5, Autodesk 3D Studio Max 2012, Adobe Dreamweaver CS5, Adobe Flash CS5

2008 – 2011 Cesena, Italy

MASTER DEGREE IN COMPUTER SCIENCE ENGINEERING University of Bologna

Thesis Title: Distributed Classification Algorithms Development on Decentralized Systems for Network Security.

Vote: 110/110 cum laude.

2005 – 2008 Cesena, Italy

BACHELOR'S DEGREE IN COMPUTER SCIENCE ENGINEERING University of Bologna

Thesis Title: Self-organization of Eco-Services in TuCSon.

Vote: 105/110.

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● NETWORKS AND MEMBERSHIPS

Memberships

2006-2007: Servizio Civile Volontario presso CARITAS Cesena.

2012-2016: Rotaract Club Cesena - District 2072 ITALIA - Emilia Romagna e Repubblica di San Marino.

2016-present: Rotary eClub Romagna - District 2072 ITALIA - Emilia Romagna e Repubblica di San Marino.

2015-present: Vice-presidente/Presidente nel Consiglio del quartiere VALLESAVIO, Cesena.

2020-present: Volontario CARITAS Cesena

2020-present: Presidente Provinciale Forlì-Cesena Italia Viva

● CONFERENCES AND SEMINARS

Conferences

Walter Cerroni, Gianluca Moro, Tommaso Pirini, Marco Ramilli - **Peer-to-Peer Data Mining Classifiers for Decentralized Detection of Network Attacks**. Australasian Database Conference 2013

Gianluca Moro, Tommaso Pirini, Claudio Sartori - **Network Traffic Load Balancing in Hierarchical Peer-To-Peer Systems**. 2015 10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing.

Matteo Golfarelli, Tommaso Pirini, Stefano Rizzi - **Goal-Based Selection of Visual Representations for Big Data Analytics**. 2017 The sixth International Workshop on Modeling and Management of Big Data.

Matteo Collina, Luca Maraschi, Tommaso Pirini - **Evaluating the Risk of Changes in a Microservices Architecture**. 2023 <https://arxiv.org> (white paper)