Tommaso Pirini

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WORK EXPERIENCE

2011 – CURRENT
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 2017-2020.
Masters at Bologna Business School:
- Master in Data Science, in 2015-2019 (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).

in Rimini and Bologna, Italy

01/2015 – CURRENT
HIGHER EDUCATION LECTURER

Teaching in:
- Electronics and Computer Network, at Istituto Tecnico Tecnologico B. Pascal
- Computer Science, at Istituto Tecnico Agrario G. Garibaldi
- Computer Science, at Istituto Tecnico Economico R. Serra
- Computer Science, at Istituto Professionale Versari-Macrelli
- Computer Science, at Liceo Scientifico A. Righi

Cesena, Italy

2016 – CURRENT – Cesena, Italy
PROFESSIONAL LECTURER – FITSTIC, FORMart

Teaching courses on: relation database, SQL, NO-SQL, web technologies.

01/10/2015 – CURRENT
COMPUTER ENGINEER FREELANCE

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

Cesena, Italy

2016 – 2019
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.
From 1/10/2016 To 15/09/2017

Working on EULA-GTEC Erasmus+
Design of a methodology and a system for the collection and analysis of training needs in technological innovation for companies in Perù, Argentina and Brazil.
From 20/08/2018 To 14/04/2019

Cesena, Italy

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**

	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: Servicio 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.
2016-present: APS Popolari per Cesena
2020-present: Coordinatore 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.