Marco Biazzini

Nationality : Italian   **Telephone** : +33642828913
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Education

2010 **Ph.D. in Information and Communication Technologies –** Università di Trento – ICT Doctoral School (Italy)
Thesis : Gossiping Optimization Framework. A decentralized P2P architecture for function optimization

2005 **MSc in Computer Science** (110/110 *cum laude*) – Università Ca' Foscari – DSI (Italy)
Dissertation : Web Application Frameworks : stato dell'arte, problemi, prospettive
(Web Application Frameworks : state of the art, problems, prospects)

Professional experience

2015-today Development Engineer at Amadeus S.a.S. – Sophia Antipolis – Team FLE.
Task : ***Maintenance and feature development of core flight search engine***.
Skills : C, C++, Linux, Git, Bash scripting, Deployment and Testing tools, Eclipse IDE, Qt Creator, Python.

2014-2015 Research Engineer at INRIA – Sophia Antipolis – Equipe COATI / Scale
Task : **Scalable distributed algorithms** to compute constrained walks on dense graphs (joint with Amadeus).
Skills : Java, Giraph, Hadoop, Linux, Git, Eclipse IDE, SVN, Python

2012-2014 Research Engineer at INRIA – Bretagne Atlantique – Equipe Triskell / DiverSE
Task : **Sourcecode characterization** through ecology-inspired data analysis techniques.
Skills : Java, JGit, Git, Linux, Bash scripting, Eclipse IDE, SVN

2011-2012 Research Engineer at University of Nantes – Distributed Systems research group
Task : **P2P decentralized algorithms** to manage and exploit user preferences in P2P applications.
Skills : Java, Networking, P2P protocols, Linux, Bash scripting, Eclipde IDE, SVN, Git, Python

2010-2011 Research Engineer at University of Trento – DISI – Networking research group.
Task : Epidemic **overlay protocols** to support **real-time P2P audio/video streaming**.
Skills : C, TCP/IP, P2P protocols, Linux, Bash scripting, SVN, Git, Eclipse IDE

2005-2009 Ph.D. candidate at University of Trento – ICT Doctoral School.
Topic : P2P Epidemic **function optimization** and decentralized optimization **heuristics**.
Skills : Java, P2P protocols, PSO, DE, Linux, Bash scripting, SVN, Git, Eclipse IDE

2004-2006 Developer at ShP Software House Padovana – Italy.
Task : Small **industrial applications for human-machine interaction**, for Microsoft Windows OS.
Skills : C++, Java (JSP, JDBC), Microsoft Windows MFC Library, Eclipse IDE

R. & D. – My open source code

- Empirical analysis of **Git-based software repositories.** Available at http://github.com/marbiaz/GitWorks .
- P2P decentralized **user preferences elicitation**. Available at http://github.com/marbiaz/WhatUsersWant .
- **Distributed function optimization** framework. Available at http://p2poem.sf.net .

Teaching

2006-2010 Teaching assistant at Università di Trento, department of Computer Science.
Course: Algorithms and Data Structures
2001-2004 Teaching assistant at Università Ca' Foscari – Venezia, department of Computer Science.
Course: Software Engineering

Publications

The complete list of my publications in international conferences and journals is available at my web page.

Languages

Italian (native)   English (fluent)   French (operational)