

PERSONAL INFORMATION

Name Paolo Massa
Address Via alla Scala 4 – 38100 TRENTO
Telephone Mobile: +39 339 1811233
E-mail massa@itc.it
Nazionalità Italian
Date of birth 20 / 10 / 1973

WORK EXPERIENCE

- Dates (from - to) From april 2000 to present
- Name and address of the company ITC/IRST
Istituto Trentino di Cultura/Istituto Ricerca Scientifica e Tecnologica
Via Sommarive, 18 – 38050 Povo (TN) – Italia
- Type and field of activity Research institute
- Occupation or position held Researcher in SRA division (Automatic Reasoning Systems)
- Principali mansioni e responsabilità Research

- Dates (from - to) From March 2007 to May 2007
- Name and address of the company University of Trento
Faculty of Literature and Philosophy
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity University
- Occupation or position held Teaching assistant in Humanistic Informatics course
- Principali mansioni e responsabilità Teaching assistant

- Dates (from - to) From September 2006 to December 2006
- Name and address of the company University of Trento
Department of Information and Communication Technologies
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity University
- Occupation or position held Teaching assistant in Algorithms and Data Structures course
- Principali mansioni e responsabilità Teaching assistant

- Dates (from - to) From May 2006 to July 2006
- Name and address of the company University of Trento
Department of Information and Communication Technologies
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity University

- Occupation or position held
Proposer, organizer and tutor
- Principali mansioni e responsabilità
Proposer, organizer and tutor in the doctorate course "ICT4SD: Information and Communication Technologies for Sustainable Development"
- Dates (from - to)
From March 2006 to May 2006
- Name and address of the company
University of Trento
Faculty of Literature and Philosophy
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity
University
- Occupation or position held
Teaching assistant in Humanistic Informatics
- Principali mansioni e responsabilità
Teaching assistant
- Dates (from - to)
From October 2005 to June 2006
- Name and address of the company
University of Trento
Department of Information and Communication Technologies
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity
University
- Occupation or position held
Scholarship for advanced research: Project GUFIR (Gusto, Fiducia, Reputazione)
- Principali mansioni e responsabilità
Research
- Dates (from - to)
From October 2003 to January 2004
- Name and address of the company
University del Maryland
College Park, MD 20742, USA
- Type and field of activity
University
- Occupation or position held
Visiting student
- Principali mansioni e responsabilità
Research
- Dates (from - to)
From September 2000 to December 2000
- Name and address of the company
University of Trento
Department of Information and Communication Technologies
Via Belenzani, 12 38100 Trento, Italia
- Type and field of activity
University
- Occupation or position held
Collaboration contract
- Principali mansioni e responsabilità
Research
- Dates (from - to)
From June 1993 to July 1994
- Name and address of the company
Cedacri Ovest S.p.A.
Via Liguria, 33 - 15073 Castellazzo. Bormida
- Type and field of activity
Electronic Data Processing (EDP) for banks
- Occupation or position
Scholarship in EDP and then collaboration contract in EDP

held

- Principali mansioni e responsabilità

Electronic data processing on bank data

EDUCATION AND TRAINING

- Dates (from - to) From September 2002 to March 2006
- Name and type of organization providing education and training University of Trento, Italy
International Graduate School in Information and Communication Technologies (ICT)
- Main subjects and professional skills related to the education awarded PhD Thesis Title: Trust-aware Decentralized Recommender Systems
Main topics: social networks and trust metrics, recommender systems, collaborative filtering
- Title and professional qualification obtained PhD in Information and Communication Technologies

- Dates (from - to) From 1995 to 2000
- Name and type of organization providing education and training University of Piemonte Orientale
Via Duomo, 6 - 13100 Vercelli - Italia
- Main subjects and professional skills related to the education awarded Artificial Intelligence, Machine Learning
- Title and professional qualification obtained Master in Informatics (5 years degree)
Final score: 110 out of 110 cum laude and "honour mention"

- Dates (from - to) From 1988 to 1992
- Name and type of organization providing education and training Istituto Tecnico "L. Da Vinci",
Alessandria, Italia
- Title and professional qualification obtained High School Certificate in Accounting
Final score: 60 out of 60

PERSONAL SKILLS AND EXPERTISE

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

INGLESE

- Reading skills livello: excellent
- Writing skills livello: excellent
- Verbal skills livello: excellent

SPAGNOLO

- Reading skills livello: excellent
- Writing skills livello: scolastic
- Verbal skills livello: good

- Reading skills **FRANCESE** livello: excellent
- Writing skills livello: good
- Verbal skills livello: good

- Reading skills **ARABO** livello: elementary
- Writing skills livello: elementary
- Verbal skills livello: elementary

- Reading skills **CINESE** livello: elementary
- Writing skills livello: elementary
- Verbal skills livello: elementary

**SOCIAL SKILLS AND
COMPETENCES**

Team work and scientific collaboration: I have worked in different teams, mainly in the research field.
 Intercultural skills: experience in an international doctorate school and in a multicultural research environment and in collaboration with people of different cultures.
 Publication of different scientific papers in Conferences and Journals, and their presentations at Conferences (see list of published papers)

**ORGANIZATIONAL SKILLS
AND COMPETENCES**

Participation in the Program Committee of International Conferences.
 Demo chair of ECAI (European Conference on Artificial Intelligence) 2006.
 Proposal, organization and tutorship of the doctorate course at the International Doctorate School of the University of Trento “ICT4SD: Information and Communication Technologies for Sustainable Development” and organization of faculty seminars about the topic.

**TECHNICAL SKILLS AND
EXPERTISE**

Proficiency in use and understanding of Operating System GNU/Linux and Microsoft Windows
 Good knowledge of the following programming languages: Java, Python, Ruby, XML, XHTML and Javascript (AJAX), Perl, Cobol, Pascal, C, C++, LaTeX
 Experience with the use and creation of free and open source software and knowledge of the different software licences.
 Wide experience in deploying and maintaining Blogs, Wikis, Content Management Systems and collaborative environments, both as participant and as administrator.

PUBLICATIONS

Paolo Massa, Paolo Avesani
 “Trust metrics on controversial users: balancing between tyranny of the majority and echo chambers”
 Chapter in Special Issue on Semantics of People and Culture, International Journal on Semantic Web and Information Systems (IJSWIS), Idea Group Publishing, 2007 (under publication)

Paolo Massa, Dario Petri, Elio Salvadori, Arianna Tibuzzi,
Valentín Villarroel Ortega

“ A multicultural Doctorate course on Information and
Communication Technologies for Development (ICT4D)”
Third Conference of Development Education, Vitoria-Gasteiz,
Spain, 2006

Paolo Massa

“Page-reRank: using trusted links to re-rank authority”

In Book “Search Engines”, IFCAI University Press, 2006 (under
publication)

(Extended version of same title paper)

Paolo Massa

"A Survey of Trust Use and Modeling in Current Real Systems"

Chapter published in Book "Trust in E-services: Technologies,
Practices and Challenges", Idea Group, Inc. 2006

Paolo Massa, Paolo Avesani

"Trust-aware Bootstrapping of Recommender Systems"

Published in Proceedings of ECAI'06 Workshop on
Recommender Systems, 2006

Paolo Massa, Conor Hayes

"Page-reRank: using trusted links to re-rank authority"

Published in 2005 IEEE/WIC/ACM International Conference on
Web Intelligence

Paolo Massa, Paolo Avesani

"Controversial Users demand Local Trust Metrics: an
Experimental Study on Epinions.com Community"

Published in 25th AAAI (American Association for Artificial
Intelligence) Conference - 2005

Paolo Avesani, Paolo Massa, Roberto Tiella

“Moleskiing.it: a Trust-Aware Recommender System for Ski
Mountaineering”

Published in International Journal for Infonomics, 2005

Paolo Avesani, Marco Cova, Conor Hayes, Paolo Massa

"Learning Contextualised Weblog Topics"

Published in WWW 2005, 2nd Annual Workshop on the
Weblogging Ecosystem: Aggregation, Analysis and Dynamics

Paolo Massa, Paolo Avesani, Roberto Tiella

"A Trust-enhanced Recommender System application:
Moleskiing"

Published in ACM SAC TRECK Track (Trust, Recommendations,
Evidence and other Collaboration Know-how) 2005

Paolo Massa, Paolo Avesani

"Trust-aware Collaborative Filtering for Recommender
Systems"

Published in International Conference on Cooperative
Information Systems (CoopIS) 2004

Paolo Avesani, Paolo Massa, Roberto Tiella

"Moleskiing: a Trust-aware Decentralized Recommender System"
1st Workshop on Friend of a Friend, Social Networking and the Semantic Web

Paolo Massa, Bobby Bhattacharjee
"Using Trust in Recommender Systems: an Experimental Analysis"
Published in iTrust2004 International Conference

Stefano Aguzzoli, Paolo Avesani, Paolo Massa
"Collaborative Case-Based Recommendation Systems"
Lecture Notes in Computer Science, Lecture Notes in Artificial Intelligence, Volume 2416, 2002.

Conor Hayes, Paolo Massa, Paolo Avesani, Pdraig Cunningham
"An on-line evaluation framework for recommender systems"
In Proceedings of the Workshop on Personalization and Recommendation in E-Commerce, Malaga, 2002

Paolo Avesani, Paolo Massa, Michele Nori, Angelo Susi
"Collaborative Radio Community"
Lecture Notes in Computer Science, Lecture Notes in Artificial Intelligence, Volume 2347, 2002

Enrico Blanzieri, Paolo Giorgini, Paolo Massa and Sabrina Recla
"Implicit Culture for Multi-agent Interaction Support."
Lecture Notes in Computer Science, Lecture Notes in Artificial Intelligence, Volume 2172, 2001

Enrico Blanzieri, Paolo Giorgini, Paolo Massa and Sabrina Recla
"Data Mining, Decision support and Meta-Learning: towards an Implicit Culture architecture for KDD"
Proceedings of the Workshop on Positions, Developments and Future Directions in connection with IDDM-2001

Stefano Aguzzoli, Paolo Avesani, Paolo Massa
"Compositional CBR via Collaborative Filtering."
ICCBR '01 Workshop on CBR in Electronic Commerce

Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs. 196 del 30 June 2003.
(According to Italian Law D.lgs. 196 del 30 June 2003, I grant permission to store and manage this personal data)

Date: 22 April 2007

Signature _____