Stefano Tedeschi
Curriculum Vitae

Personal Data

Date and place of birth:	March 27, 1993 | Cuneo, Italy
Address:	Via Pessinetto 12, 10149 Torino (TO), Italy
Phone number:	(+39) 011 6706835
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Education

October 2017 - Current

Ph.D. in Computer Science
Computer Science Department
University of Turin
Research interests: Multi-agent systems, accountability, responsibility, commitment-based interactions

October 2015 - October 2017

M. Sc. Degree in Computer Science
Curriculum Information Handling Systems
University of Turin
Final mark: 110/110 cum laude and special mention
Thesis: Accountable agents and where to find them
Advisor: Matteo Baldoni
Co-advisors: Cristina Baroglio, Roberto Micalizio

Main courses:

- Artificial Intelligence (with experimentations)
- Intelligent Agents
- Machine Learning and Intelligent Data Analysis
- Neural Networks
- Cognitive Systems
- Advanced Data Models and Database Architectures
- Component Software and Web Services Development
- Advanced Database Laboratory
- Bioinformatics
- Security II

October 2012 - December 2017 (tentative)

Advanced Training Course
Government and Natural Science
Scuola di Studi Superiori "Ferdinando Rossi"
University of Turin

January 2016 - June 2016

Erasmus+ \| Helsinki, Finland
University of Helsinki

October 2012 - October 2015	**B. Sc. Degree in** Computer Science
	Curriculum Information and Knowledge
	University of Turin
	Final mark: 110/110 cum laude
	Thesis: Maintenance and management of a commitment-based multi-agent system
	Advisor: Matteo Baldoni
	Co-advisors: Roberto Micalizio, Federico Capuzzimati

Main courses:

- Intelligent Systems
- Computer Architecture
- Programming I, II, III
- Algorithms and Data Structures
- Databases
- Formal Languages and Compilers
- Operating Systems
- Human-computer Interaction and Web Technologies
- Computer Networks I
- Security I
- Development of Software Applications

September 2007 - July 2012	Scientific **High School Diploma** ESABAC
	Major languages ESABAC
	Liceo Scientifico "G. Peano", Cuneo
	Final mark italian examination: 90/100
	Mention Baccalauréat Général: Bien

Work Experience

October 2016 - October 2017	**Research Grant**
	Computer Science Department
	University of Turin
	Commitment-based interactions in JaCaMo+

April 2015 - September 2015	**Internship**
	Computer Science department
	University of Turin
	Maintenance and management of the social state inside the 2COMM infrastructure for multi-agent systems

Publications

Baldoni, M., C. Baroglio, K. M. May, R. Micalizio, and S. Tedeschi (2016). "Computational Accountability". In: *Proceedings of the AI*IA Workshop on Deep Understanding and Reasoning: A Challenge for Next-generation Intelligent Agents 2016 co-located with 15th International Conference of the Italian Association for Artificial Intelligence (AIxIA 2016)*. (Genova, Italy, Nov. 28, 2016). Ed. by F. Chesani, P. Mello, and M. Milano. CEUR Workshop Proceedings 1802. Aachen, pp. 56–62. URL: http://ceur-ws.org/Vol-1802/paper8.pdf.

Baldoni, M., C. Baroglio, K. M. May, R. Micalizio, and S. Tedeschi (2017a). "ADOPT JaCaMo: Accountability-Driven Organization Programming Technique for JaCaMo". In: *PRIMA 2017:*

Principles and Practice of Multi-Agent Systems - 20th International Conference, Nice, France, October 30 - November 3, 2017, Proceedings. Ed. by B. An, A. L. C. Bazzan, J. Leite, S. Villata, and L. W. N. van der Torre. Vol. 10621. Lecture Notes in Computer Science. Springer, pp. 295–312. URL: https://doi.org/10.1007/978-3-319-69131-2_18.

Baldoni, M., C. Baroglio, K. M. May, R. Micalizio, and S. Tedeschi (2017b). "Supporting Organizational Accountability Inside Multiagent Systems". In: *AI*IA 2017 Advances in Artificial Intelligence - XVIth International Conference of the Italian Association for Artificial Intelligence, Bari, Italy, November 14-17, 2017, Proceedings*. Ed. by F. Esposito, R. Basili, S. Ferilli, and F. A. Lisi. Vol. 10640. Lecture Notes in Computer Science. Springer, pp. 403–417. URL: https://doi.org/10.1007/978-3-319-70169-1_30.

Dignum, V. et al. (2018). "Ethics by Design: Necessity or Curse?" In: *AIES 2018 - 1st AAAI/ACM conference on Artificial Intelligence, Ethics and Society, New Orleans, USA, February 2-3, 2018*. Submitted.

Tedeschi, S. (2017). "An Accountability-Driven Organization Programming Technique". In: *Proceedings of the Doctoral Consortium of AI*IA 2017 co-located with the 16th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2017)*. (Bari, Italy, Nov. 15–16, 2017). CEUR Workshop Proceedings. To appear. Aachen.

Languages

Italian:	Mother-tongue
English:	Advanced (C1)
French:	Intermediate (B2)

IT skills

Operating systems	
	• **Windows** • **Ubuntu**, Debian, Scientific Linux • **Mac** (basic knowledge)

Programming	
	• **Java** • **JavaEE** • **Python** • **Prolog** • **Jason** and **JaCaMo** • **CLIPS** • **Scala** (basic knowledge) • **PHP** (basic knowledge) • **HTML**, **JavaScript**, **CSS** • **SQL** • **C** • **Android** (basic knowledge)

- **Machine Learning** techniques
- **Software Engineering** methodologies
- **XML** (eXstensible Markup Language)
- **UML** (Unified Modeling Language)
- **LaTeX**
- **Oracle** Database
- **GIT** and **SVN**
- **Microsoft Office** Suite
- **Matlab** (basic knowledge)
- **Adobe Photoshop** (basic knowledge)

CERTIFICATIONS

APRIL 2013	European Computer Driving Licence
MAY 2011	First Certificate in English, Grade A (C1)
MAY 2010	Preliminary English Test, Pass with Merit (B1)
FEBRUARY 2010	Diplôme d'Études en Langue Française, 86/100 (B2)

INTERESTS

Technology, Innovation, Artificial Intelligence
Environment, Sustainable energies
Hiking, Sailing
Juggling, Travels, Photography, Baduk

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In compliance with the Italian legislative Decree No. 196 dated 30/06/2003 concerning the handling of personal data, I hereby authorize you to use and process my personal details contained in this document.

Stefano Tedeschi