

PERSONAL INFORMATION

Riccardo Zese

EDUCATION AND TRAINING

01/01/2013–Present

Doctor of Philosophy (Ph.D.) Student

Doctor of Philosophy (Ph.D.)

Università degli Studi di Ferrara - Engineering Department, Ferrara (Italy)

Probabilistic Knowledge Representation applied to Semantic Web, Automatic Reasoning on Structured Data, Machine Learning

2010–2012

INGEGNERIA INFORMATICA E DELL'AUTOMAZIONE

2nd cycle degree - Master

Università degli Studi di Ferrara - Engineering Department, Ferrara (Italy)

Graduated with 110 cum laude.

Broadening and deepening of advanced computer knowledge, acquisition of methodologies related to the management of distributed systems and networks, software engineering, learning techniques for artificial intelligence, with particular attention to ontology languages for the Semantic Web

2007–2010

INGEGNERIA DELL'INFORMAZIONE (AUTOMAZIONE, ELETTRONICA, INFORMATICA, TELECOMUNICAZIONI)

1st level degree - Degree/Bachelor

Università degli Studi di Ferrara - Engineering Department, Ferrara (Italy)

Graduated with 110 cum laude.

Acquisition of basic knowledge of Computer Science, Automation, Electronics and Telecommunications, Economics and Law, with particular attention to issues of Web application development, analysis and management of data and management of enterprise servers and VoIP.

2002–2007

INDUSTRIAL TECHNICAL CERTIFICATE

Secondary school diploma

Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara (Italy)

WORK EXPERIENCE

01/10/2012–Present

College / university teaching professional

Università degli Studi di Ferrara, Ferrara (Italy)

Teaching of Computer Science and Database using laboratory exercises which are side by side to lectures. Assistance to teachers of courses in Computer Science and Database.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2

(B1) Preliminary English Test (PET) - University of Cambridge
(B2) First Certificate in English (FCE) - University of Cambridge

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

I am able to work in strict collaboration with a team and independently on my own.

- Job-related skills** Excellent knowledge of computer systems and major software packages.
Excellent knowledge of programming languages and techniques of computer engineering software.
Good knowledge of major languages and systems of artificial intelligence.
- Computer skills**
- Operating systems: Excellent
 - Programming languages: Excellent
 - Word processing: Excellent
 - Electronic spreadsheet: Good
 - Data base administrators: Excellent
 - CAD skills: Limited
 - MATLAB skills: Limited
 - Internet skills: Excellent
 - Data transmission networks: Good
 - Web-site creation: Excellent
 - Multimedia: Good
 - Programming languages known: Java, PHP, Ruby, Ruby on Rails, C, C++, Visual Basic, Mosel, Shell, javascript.
 - Modeling languages: VHDL, HTML, XML, OWL, RDF.
 - Good knowledge of OpenGL
 - Good knowledge of JavaBeans.
 - Excellent knowledge of TeX.
 - Achieved ECDL (European Computer Driving Licence) certificate.
- Other skills**
- Academic Year 2014/2015: support to teaching activities in Database and Laboratory course. Department of Mathematics e Computer Science, Università degli Studi di Ferrara, Ferrara, Italy.
- Academic Year. 2014/2015: support to teaching activities in Computer Science course. Engineering Department, Università degli Studi di Ferrara.
- January 2014: achievement of First Certificate in English FCE (B2 level), Ferrara
- Academic Year 2013/2014: support to teaching activities in Database and Laboratory course. Department of Mathematics e Computer Science, Università degli Studi di Ferrara, Ferrara, Italy.
- Academic Year. 2013/2014: support to teaching activities in Computer Science course. Engineering Department, Università degli Studi di Ferrara, Ferrara, Italy.
- Academic Year 2012/2013: support to teaching activities in Database and Laboratory course. Department of Mathematics e Computer Science, Università degli Studi di Ferrara, Ferrara, Italy.
- Academic Year 2012/2013: support to teaching activities in Computer Science course. Engineering Department, Università degli Studi di Ferrara, Ferrara, Italy.
- September 2012: attendance at the meeting on the project "e-Policy". Università degli Studi di Bologna, Bologna, Italy.
- February – March 2012: participation in the project of the Artificial Intelligence Research Group of the University of Ferrara for the development of an automatic reasoning algorithm for probabilistic ontologies. Engineering Department, Università degli Studi di Ferrara.
- May 2010: participation in the project for the development of a Web application for the analysis and control of VoIP traffic, deployment of a server VoIP. IT Office of Cento's town hall, Italy.
- May 2010: attendance at the course "Il D.Lgs. 196/03: Codice in materia di protezione dei dati personali". IT Office of Cento's town hall, Italy.
- May 2007: achievement of ECDL certificate. Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara, Italy.
- Academic Year 2006/2007: participation in the project "Accoglienza Matricole 2006/2007". Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara, Italy.

May 2006: achievement of Preliminary English Test Certificate PET (B1 level), Ferrara, Italy.

Academic Year 2005/2006: participation in the project "Accoglienza Matricole 2005/2006". Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara, Italy.

Academic Year 2004/2005: participation in the project "Accoglienza Matricole 2004/2005". Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara, Italy.

June 2004: achievement of Key English Test Certificate KET (A2 level). Ferrara, Italy.

Academic Year 2003/2004: support to teaching activities, project "Banca del Tempo". Istituto Tecnico Industriale Statale N. Copernico A. Carpeggiani, Ferrara, Italy.

ADDITIONAL INFORMATION

Publications

Riguzzi, F., Bellodi, E., Zese R.: A History of Probabilistic Inductive Logic Programming. *Frontiers in Robotics and AI*, vol. 1 (6), pp: 1-5, 2014.

http://www.frontiersin.org/computational_intelligence/10.3389/frobt.2014.00006/abstract

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R.: Learning the parameters of probabilistic description logics. In: *Late Breaking Papers of the 23rd International Conference on Inductive Logic Programming*, volume 1187 of *CEUR Workshop Proceedings*, pages 46-51. CEUR-WS.org, 2013.

Bellodi, E., Lamma, E., Riguzzi, F., Santos Costa, V., Zese, R.: Lifted Variable Elimination for Probabilistic Logic Programming. In: *TPLP*, Vol. 14, No. 4-5, pp: 681-695, 2014

Zese, R.: Reasoning with Probabilistic Logics. ArXiv e-prints 1405.0915v2. An extended abstract / full version of a paper accepted to be presented at the Doctoral Consortium of the 30th International Conference on Logic Programming (ICLP 2014), July 19-22, Vienna, Austria

Zese, R., Bellodi, E., Lamma, E., Riguzzi, F., Aguiari, F.: Semantics and inference for probabilistic description logics. In: *URSW III - ISWC International Workshops, URSW 2011-2013, Revised Selected Papers*, volume 8816 of *Lecture Notes in Computer Science*, pages 79-99. Springer, 2013.

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R., Cota, G.: Learning Probabilistic Description Logics. In: *URSW III - ISWC International Workshops, URSW 2011-2013, Revised Selected Papers*, volume 8816 of *Lecture Notes in Computer Science*, pages 63-78. Springer, 2013.

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R.: BUNDLE: A reasoner for probabilistic ontologies. In: *RR 2013. LNCS*, vol. 7994, pp. 183-197. Springer (2013). WINNER OF "RR2013 BEST PAPER AWARD"

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R.: Parameter learning for probabilistic ontologies. In: *RR 2013. LNCS*, vol. 7994, pp. 265-270. Springer (2013).

Zese, R., Bellodi, E., Lamma, E., and Riguzzi, F.: A description logics tableau reasoner in prolog. In: *CILC 2013, CEUR Workshop Proceedings*, vol. 1068. CEUR-WS.org, 33-47.

Riguzzi, F., Bellodi, E., Lamma, E., and Zese, R.: Computing instantiated explanations in OWL DL. In: *AI*IA 2013 Lecture Notes in Computer Science*, vol. 8249. 2013. Springer, 397-408.

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R.: Semantics and Inference for Probabilistic Ontologies. In: *PAI Workshop*. pp. 41-46. No.860 in *CEUR Workshop Proceedings*, Sun SITE Central Europe (2012).

Riguzzi, F., Bellodi, E., Lamma, E., Zese, R.: Epistemic and statistical probabilistic ontologies. In: *URSW 2012. CEUR Workshop Proceedings*, vol. 900, pp. 3-14. Sun SITE Central Europe (2012).

Thesis

Bachelor Degree in Information Engineering: "Design and Development of a Web Application for the Analysis and Control of VoIP Traffic". Supervisor: Stefanelli Cesare.

Master of Science in Computer and Automation Engineering: "Probabilistic Reasoning on Ontologies". Supervisor: Riguzzi Fabrizio, Lamma Evelina.

Honours and awards

"**RR2013 Best Paper Award**" for the paper Riguzzi F., Bellodi E., Lamma E., Zese R.: "BUNDLE: A Reasoner for Probabilistic Ontologies". In: *RR 2013. LNCS*, vol. 7994, pp. 183-197. Springer (2013).

Il sottoscritto acconsente, ai sensi del D.Lgs. 30/06/2003 n.196, al trattamento dei propri dati personali.

Il sottoscritto acconsente alla pubblicazione del presente curriculum vitae sul sito dell'Università di Ferrara.

Ferrara, 08/05/2015