Luis Galárraga

General Information

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Education

February 2014 – present   **PhD Student**
                           DBWeb Team at Télécom ParisTech
                           Under the supervision of Dr. Fabian M. Suchanek

June 2012 - present   **IMPRS-CS PhD Student**
                           Otto Hahn Research Group "Ontologies"
                           Max Planck Institute for Informatics (MPI-INF)
                           Saarbrücken, Germany

2009 - 2011   **Master Degree in Computer Science**
                           Overall grade: 1,3 (A-)
                           Thesis: *Partout: A Distributed Approach Towards Scalable RDF Processing* supervised by Dr. Katja Hose and Dr. Ralf Schenkel
                           Saarland University (UdS)

2003 – 2008   **Bachelor Degree in Computer Engineering**
                           GPA: *8.70/10 (*Best student of Computer Engineering 2008-2009)
                           Thesis: *Definition and evaluation of a software development model for FOSS (Free and Open Source Software)*.
                           Escuela Superior Politécnica del Litoral (ESPOL)
                           Guayaquil, Ecuador

Work experience

Sep – Dec 2013   **Engineering Intern at Google Inc.**
                           Discovery of new entities from web extractions.
                           Supervised by Geremy Heitz

2008 - present   **Freelancer Developer**
                           Author of J!Research, a Joomla! extension for management of research-related work. J!Research is open source and used by several research departments in Europe, USA and Latin America.

2010 – 2012   **Research Assistant**
                           Developer of the client-side module for Radspeech, a semantic speech dialogue system for radiologists (THESEUS initiative)
                           German Research Center for Artificial Intelligence (DFKI)
                           Saarbrücken, Germany

2008 – 2009   **Research Assistant**
                           • Developer and designer of software platform for management of research and technology transfer at ESPOL
                           • Developer at SIGLIT project, a geographic information system for risk management in the Ecuadorian coastal region.
                           Center of Information Technologies (CTI)
                           Guayaquil, Ecuador

2007 – 2008   **Research Assistant**
                           In the project *Evaluation of a Bazaar-styled development process model for Free and Open Source Software,* funded in the context of the Cooperation Program (VLIR-ESPOL).
                           Guayaquil, Ecuador

2006 – 2007	**Website Developer and Webmaster** Computer Vision and Robotics Center, ESPOL (CVR) Guayaquil, Ecuador
2004 – 2006	**Teaching assistant** In the course *Differential Equations* Mathematics Institute, ESPOL (ICM) Guayaquil, Ecuador
2004 – 2006	**Teaching assistant** In the courses *Programming Fundamentals* and *Data Structures*. Electrical and Computer Engineering Faculty, ESPOL (FIEC) Guayaquil, Ecuador

Other activities

2008 & 2009	**Participant at Google Summer of Code (GsoC)**
	• GsoC 2008. Participation as student for the Joomla! Project. Proposal: J!Research, extension for management of research-related work
	• GsoC 2009. Participation as mentor for Joomla! Proposal: JWF, a workflow extension for Joomla! 1.6 (student: Mostafa Muhammad)
2006 - 2009	**Founder and core member of KOKOA community** KOKOA is a university community integrated by students and professors of FIEC-ESPOL aimed to promote the use and development of Free and Open Source Software in Ecuador.

Additional qualifications

2010 – 2013	**German language** Courses D1 to D6 (D6 completion equivalent to B1 level) International Max Planck Research School for Computer Science
Aug 2008	**Tools for Genetic Sequence Analysis Workshop (THAS)** Joint effort between ESPOL and the Technology Park from University of Merida (Venezuela) through the CECALCULA initiative. Guayaquil, Ecuador
2008	**CCNA 2 (Cisco Certified Network Academy)** Routing Fundamentals, CISCO-ESPOL Academy Guayaquil, Ecuador

Publications

2015	L. Galárraga, C. Teflioudi, K. Hose, F. Suchanek **Fast Rule Mining in Ontological Knowledge Bases with AMIE+.** VLDB Journal. [full text]
	L. Galárraga **Interactive Rule Mining in Knowledge Bases.** 31ème Conférence sur la Gestion de Données (BDA 2015), Île de Porquerolles, October 2015. [full text]
	L. Galárraga, D. Symeonidou, J. Moissinac **Rule Mining for Semantifying Wikilinks.** Linked Open Data Workshop, Florence, May 2015. [full text]
2014	L. Galárraga, F. Suchanek **Towards a Numerical Rule Mining Language** Automated Knowledge Base Construction (AKBC) Workshop, Montreal, December 2014 [full text]

L. Galárraga, G. Heitz, K. Murphy, F. Suchanek
Canonicalizing Open Knowledge Bases
(Canonisation de bases de connaissance ouvertes)
23rd Conference on Information Extraction and Knowledge
Management, Shanghai, November 2014. [full text]

L. Galárraga, K. Hose, R. Schenkel
Partout: A Distributed Engine for Efficient RDF Processing
Poster, 23rd International World Wide Web Conference, Seoul, March
2014.
Technical report at arxiv.org

2013	L. Galárraga, N. Preda, F. Suchanek **Mining Rules to Align Knowledge Bases** In the Automated Knowledge Base Construction (AKBC) Workshop, San Francisco, October 2013 [full text]. L. Galárraga, C. Teflioudi, K. Hose, F. Suchanek **AMIE: Association Rule Mining under Incomplete Evidence** **in Ontological Knowledge Bases** In 22nd International World Wide Web Conference, Rio de Janeiro [full text]
2008	L. Galárraga, A. Moreno, V. Macías, M. Villacrés **MOCCA: A proposal for a software development model for** **Free Software based on bazaar-styled development.** Open Source World Conference, Málaga 2008. [full text]

Languages

Spanish	Native proficiency
English	Full professional proficiency
German	Intermediate proficiency
French	Intermediate proficiency

Programming languages

PHP, C++, Java	Very familiar
C, Python	Familiar

Awards and Scholarships

2013	**Best Student Paper Award** In 22nd International World Wide Web Conference, Rio de Janeiro
2012	**International Max Planck Research School** Scholarship of the Max Planck Society for PhD students in Computer Science Saarbrücken, Germany
2001	**Second Place in Prose Writing Contest** *How did our ancestors play as kids?* Awarded with a full scholarship for English studies at Bénédict Schools of Languages Sponsored by "El Universo", the largest daily newspaper in Ecuador Guayaquil, Ecuador

Interests

Free and Open Source Software (FOSS)
I am a FOSS passionate who believes in the benefits of free and open source software for society as well as in its feasibility as business model. I enjoy the open source development process so much that I devote part of my spare time to my own software project (J!Research).

Languages and cultural exchange
I love the Spanish language, maybe because I was raised by a linguist. Later on, this passion evolved into an increasing interest for other languages and cultures. I am fond of non-technical literature in English and Spanish. Moreover, during my stay in Saarbrücken I learnt German by participating in language exchange activities with German fellows who wanted to improve their Spanish. Currently I am learning French thanks to the language courses offered by Télécom ParisTech.

Traveling
I travel frequently since I came to Europe, attracted by the diversity of languages and cultures densely settled in this (relatively) small piece of land. There are still many places I have not yet been, but it is clear that it is something I will keep doing as long as I can.