

Luis Galárraga

<http://luisgalarraga.de>
galarraga@luisgalarraga.de



Education

Feb 2014 – Sept 2016

PhD in Computer Science

Thesis: *Rule Mining in Knowledge Bases*
Under the supervision of [Dr. Fabian M. Suchanek](#)
[INFRES Department, Télécom ParisTech](#)
Paris, France

Jun 2012 – Jan 2014

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

Oct 2016 – present

Postdoctoral researcher

[Computer Science Department, Aalborg University](#)
Aalborg, Denmark

Sep – Dec 2013

Engineering Intern at Google Inc.

Discovery of new entities from web extractions.
Supervised by [Jeremy 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

Web developer

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**
Courses: *Differential Equations, Programming Fundamentals and Data Structures.*
Escuela Superior Politécnica del Litoral ([ESPOL](#))
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
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.
[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](#)]

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

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.

Languages

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

Programming languages

Java, PHP, Python, C++	Very familiar
C, Javascript	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 <i>How did our ancestors play as kids?</i> Awarded 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. In Paris I had the opportunity to learn French thanks to the language courses offered by Télécom ParisTech, and supervising the student. Now that I am Aalborg, I am decided to embrace the Danish language.