

# Riccardo Porrini



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Sex Male | Date of birth 22/05/1986 | Nationality Italian

## SUMMARY

I worked on problems that are relatively simple to understand but hard to solve at millions of users scale. I also faced problems that are tough not because they are hard to solve, but because they are difficult to understand and define. I am convinced that keeping to tackle such problems and never stop learning from them is one of the keys to really grow as a professional. I think that the other key for professional development is working in team and learning from skilled and experienced people.

## WORK

Jan. 2009 - Present

### Software Developer

7Pixel s.r.l. – [www.7pixel.it](http://www.7pixel.it) – [www.trovaprezzi.it](http://www.trovaprezzi.it) – [www.shoppydoo.com](http://www.shoppydoo.com) – [www.drezzy.it](http://www.drezzy.it) – [www.kirivo.it](http://www.kirivo.it)

I work on the back-end software of the biggest Italian price comparison engines: **TrovaPrezzi**. My focus is on building maintainable, efficient and scalable software for the categorization, matching and integration of product offers coming from thousand e-marketplaces. This includes the services that are in charge of performing the actual integration process and several web applications for internal use to configure and tune them.

I have been working in several internal teams (2 to 8 developers) following the **eXtreme Programming** development process and related practices, such as Pair Programming, Test Driven Development, Continuous Integration and Continuous Deployment. I usually work closely with the customer and perform estimates and planning on regular basis.

## EDUCATION

Jan. 2013 - Present

### PhD Student

Dipartimento di Informatica Sistemistica e Comunicazione – Università degli Studi di Milano-Bicocca

I focused on the automatic maintenance, enrichment and reuse of classification schemas (taxonomies and ontologies) in the context of both traditional Data Management and Integration systems and the Semantic Web. Most of the algorithms and techniques developed during my research work have been applied to the e-commerce domain and deployed into the TrovaPrezzi data integration process.

I published and presented my research work at various international Data Management and Semantic Web academic conferences. I worked closely with others PhD students and faculties of my research group and also performed various teaching activities and students' projects and thesis supervision.

I expect to graduate on July, 2016.

Aug. 2014 – Dec. 2014

### PhD Student Intern

Advis Lab – University of Illinois at Chicago

As part of my PhD educational activities I spent 5 months abroad at the University of Illinois at Chicago. I worked on annotating tables coming from the web with Semantic Web well known ontologies.

Oct. 2008 – Jul. 2011

### M.Sc. Degree

110/110 cum Laude

Dipartimento di Informatica Sistemistica e Comunicazione – Università degli Studi di Milano-Bicocca

Thesis on the development of an Auto-completion System based on a light-weight semi-structured data auto-completion matching algorithm, specifically designed for the E-Commerce domain.

## SKILLS AND INTERESTS

### Languages

**Italian** – mother tongue  
**English** – complete professional knowledge (spoken and written)

### Methodology and Programming

**eXtreme Programming** development process  
**pomodoro** time management technique  
**object oriented** programming principles

IDEs: **Eclipse**, **Microsoft Visual Studio**

software development on the **Windows** OS using **C#** as programming language  
software development on the **Ubuntu Linux** OS using **Java** as programming language  
**Javascript** (client and server side - **nodejs**)  
**Ruby**, **Bash** and **Batch** scripting

**JUnit**, **NUnit**, **Mocha**, **Selenium** for unit, integration and acceptance testing (java, c#, javascript)

**HTML5**, **CSS3**  
**AngularJS** framework  
Twitter **Bootstrap**  
**NGINX**, **IIS** http server

**PostgreSQL** DBMS  
**Mongodb**  
**Lucene** framework, **Solr** server

**Svn** and **Git** for versioning  
**Docker** for provisioning  
**Travis** for Continuous Integration  
**Heroku** and **Google AppEngine**

Semantic Web languages: **RDF(a)**, **OWL**, **SPARQL**  
triple stores: **Virtuoso**, **Jena Fuseki**

academic knowledge of the **Prolog** and **Lisp** programming languages

### Personal Interests

sci-fi enthusiast  
soccer player since I was a kid  
traveller

## ADDITIONAL INFO

### Publications

Matteo Palmonari, Anisa Rula, **Riccardo Porrini**, Andrea Maurino, Blerina Spahiu, Vincenzo Ferme.  
ASBTAT: Linked Data Summaries with ABstraction and STATistics.  
*Extended Semantic Web Conference (ESWC)*. 2015  
demo available at <http://abstat.disco.unimib.it>

**Riccardo Porrini**, Matteo Palmonari, Carlo Batini.  
Extracting Facets from Lost Fine-Grained Classifications in Dataspace.  
*International Conference on Advanced Information Systems Engineering (CAISE)*. 2014

**Riccardo Porrini**, Matteo Palmonari, Giuseppe Vizzari.  
Composite match autocompletion (COMMA): A semantic result-oriented autocompletion technique for e-marketplaces.  
*Web Intelligence and Agent Systems (WIAS)*. 2014

Matteo Palmonari, Giuseppe Vizzari, **Riccardo Porrini**, Andrea Broglia, Nicola Lamberti.  
COMMA: A Result-oriented Composite Autocompletion Method for e-Marketplaces.  
*International Conference on Web Intelligence (WI)*. 2012  
demo available at <http://autocomplete.shoppydoo.com/demo.html>

Francesca Arcelli Fontana, Marco Zanon, **Riccardo Porrini**, Mattia Vivanti.  
A model proposal for program comprehension.  
*International Conference on Distributed Multimedia Systems (DMS)*. 2014