

# Curriculum Vitae

## PERSONAL INFORMATION

### Riccardo Porrini



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💬 [skype](#) riccardo.porrini

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

## WORK EXPERIENCE

January 7<sup>th</sup> 2009 - Present

### Software Developer

7Pixel s.r.l. - Via Lanzoni snc, 27010, Giussago -Pavia- [www.7pixel.it](http://www.7pixel.it)

Web Application development in the E-Commerce domain. Develop and maintenance of various Price Comparison Engines: [www.trovaprezzi.it](http://www.trovaprezzi.it), [www.shoppydoo.com](http://www.shoppydoo.com), [www.welekeo.it](http://www.welekeo.it), [www.drezzy.it](http://www.drezzy.it). Development of back-end software for Price Comparison Engines with focus on both E-Marketplace listings integration and website click-through.

Business or sector E-Commerce, Price Comparison Engines

## EDUCATION AND TRAINING

January 2013 - Present

### PhD Student

Università degli Studi di Milano-Bicocca

My research interests include Data Management and Integration, with focus on Web data, but also Information Retrieval. My research activities aim at developing effective and efficient techniques for Entity Search and Retrieval, over structured and/or semi-structured data (with focus on Linked Data). I started my research activities tackling the problem of matching short, semi-structured documents to keyword queries provided by users. Currently I'm investigating how the algorithm I designed for matching those short semi-structured documents can be adapted to more structured data, i.e., Linked Data. In the future I plan to investigate how to leverage the structure (i.e., graph-based connectivity) and the semantics (i.e., ontology features) of data in order to improve the effectiveness of Entity Search techniques.

October 2008 - July 2011

### M.Sc. Degree

110/110 cum Laude

Università degli Studi di Milano-Bicocca

Thesis on Result-Oriented Auto-completion Systems: development of an Auto-completion System based on a light-weight semi-structured data auto-completion matching algorithm, designed specifically for the E-Commerce domain. A demo of the developed Auto-completion System can be found at <http://autocomplete.shoppydoo.com/demo.html>.

October 2005 - December 2008

### Bachelor Degree

94/110

Università degli Studi di Milano-Bicocca

Thesis on Reverse Engineering and Software Architecture Reconstruction: definition of a model for java source code representation.

September 2001 - July 2005

### Diploma di Maturità Scientifica (High School Degree)

78/100

Liceo Scientifico Statale Vittorio Sereni, Luino -Varese-

## PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English

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

Certification: First Certificate in English

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

## Job-related skills

- Strong knowledge of Object Oriented programming principles
- Strong knowledge of eXtreme Programming process
- Ability to develop and deploy efficient and resilient systems, used by millions of users
- Strong knowledge of C#, Java, Javascript programming languages
- Academic knowledge of Ruby, Batch, Bash, Prolog, Scheme, Lisp, programming languages
- Strong Knowledge of PostgreSQL DBMS
- Strong Knowledge of Microsoft Visual Studio and Eclipse IDEs
- Knowledge of RDF(a), OWL languages
- Academic knowledge of SPARQL language and Virtuoso, Fuseki triple stores

## ADDITIONAL INFORMATION

## Publications

Matteo Palmonari, Giuseppe Vizzari, Riccardo Porrini, Andrea Broglia, Nicola Lamberti. COMMA: A Result-oriented Composite Autocompletion Method for e-Marketplaces. *Proceedings of the 2012 IEEE/WIC/ACM International Conference on Web Intelligence (in press)*.

Francesca Arcelli Fontana, Marco Zanoni, Riccardo Porrini, Mattia Vivanti. A model proposal for program comprehension. *Proceedings of the 16th International Conference on Distributed Multimedia Systems*, October 2010.

## Conferences Participation

## WOA (Workshop Nazionale "Dagli Oggetti agli Agenti")

September 17<sup>th</sup> - 19<sup>th</sup> 2012<http://www.lintar.disco.unimib.it/WOA2012/>

## Better Software

June 27<sup>th</sup> - 28<sup>th</sup> 2011[www.bettersoftware.it/2011](http://www.bettersoftware.it/2011)

## Italian Agile Day

November 19<sup>th</sup> 2010[www.agileday.it/2010/www.agileday.it/front/index.html](http://www.agileday.it/2010/www.agileday.it/front/index.html)

## Academic Projects

## Inferring the Orientation of Relations in E-R Schemas

January - May 2010

Assignment for "Knowledge and Information Representation" course.

## Integrating Lego Mindstorms Robot in a BTicino Home Automation System

February - July 2009

Assignment for "Software Design and Development" course.

## Classification of Bronze Age Ceramic Finds using Logic Programming and Fuzzy Sets

February - May 2008

Assignment for "Artificial Intelligence" course.