

Iván Cruces
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Profile

Software engineer with more than seven years of professional experience with Java, Distributed Systems, Unix, Web technologies, unit and integration testing and agile environments. In my spare time I like to develop with Python and web frameworks like Django. I am a self-motivated person with a positive and can-do attitude who likes to have a technical book always in hand and is eager to learn new technologies. I enjoy working in a team but I am an autonomous and proactive person as well.

Education

Masters research degree in Artificial Intelligence and Software Engineering	2009-2011
<i>University of Malaga. Málaga, Spain</i>	
Computer Scientist and Engineer degree	2001-2008
<i>University of Malaga. Málaga, Spain</i>	

Employment History

Object Matrix Ltd. Cardiff, UK	
<i>Senior software engineer</i>	April 2012-present

- Distributed systems development using Java, for a scalable and reliable storage solution (Big Data) for the Broadcasting industry.
- Design and implementation of a distributed search engine with Lucene.
- Project leader and full stack developer in a Single-page application project using AngularJs, SASS and Spring frameworks.
- Distributed data with Hazelcast and Riak database (NoSQL).
- Unit and integration testing.
- Linux, Bash and Python scripting.
- Customer support.
- Agile environment and source control.

Artificial Intelligence research group, University of Málaga. Spain	
<i>Project researcher</i>	2008-2012

- Research, design and development of intelligent e-learning systems.
- Java EE development (web services, relational databases, XML, etc.).
- Front-End development with HTML, CSS and JavaScript/JQuery.
- Integration with Moodle platform.
- Writing of research papers and posters.

Asamiol. Cádiz, Spain	
<i>Computer teacher for people with learning disabilities</i>	2007-2008

- Teach fundamental computer skills.
- Responsible for planning a curriculum.

Skills Summary

Programming languages

Java, JavaScript, Python and C++ (sorted by skill level).

Web Technologies

Java EE, Spring, Django and Flask (Python), REST, XML, JSON, HTML/CSS/JavaScript (jQuery and AngularJS).

Databases and search engines

Relational and distributed databases (Riak), Hibernate and Lucene.

Operative Systems

Linux, OS X and Windows.

Others

UML, Svn, Git, Apache Ant, Maven, Agile development, unit and integration testing.

Language Skills

Spanish: Native.

English: Full professional proficiency.

Publications

I. Cruces, M. Trella, R. Conejo and J. Gálvez: “**Student Modeling Services for Hybrid Web Applications**”, in Proceedings of International Workshop on Architectures and Building Blocks of Web-Based User-Adaptive Systems (UMAP 2010), June 2010, Big Island of Hawaii (USA), (pp. 1-12)

References

If required, ask me for contact details of any of my previous employers.