Iván Cruces

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**Profile**

Software engineer with more than five years of professional experience in both, a commercial company and as part of a university research team using Java, Unix, Web technologies, unit and integration testing and agile environments. I am a self-motivated person with a positive and can-do attitude who likes to learn new technologies and to have a technical book always in hand. I enjoy working in a team but I am an autonomous and proactive person as well.

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**Education**

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| **Masters Research degree in Artificial Intelligence and Software Engineering** | **2009-2011** |
| *University of Malaga.* Málaga, Spain | |
| **Computer Scientist and Engineer degree** | **2001-2008** |
| *University of Malaga.* Málaga, Spain | |

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**Employment History**

**Object Matrix Ltd. Cardiff, UK**

*Software developer*                                                                                          **April 2012-present**

- Development of new features for client and server Java applications in the context of a cluster based storage solution for the Broadcasting industry.
- Distributed data with Hazelcast and Riak database (NoSQL).
- Full-Text Search with Lucene.
- Unit and integration testing.
- Linux and Bash scripting.
- Web development with Spring, Hibernate, REST and AngularJS.
- Customer support.
- Agile environment, continuous integration and source control.

**Artifical Intelligence research group, University of Málaga. Spain**

*Project researcher*                                                                                                    **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**

*Computer teacher for people with learning disabilities*                                    **2007-2008**

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

**Skills Summary**

### Programming Languages
Java, Python and C++.

### Web Technologies
Java EE**,** Spring, Django and Flask (Python), REST, XML, JSON, HTML/CSS/JavaScript

(JQuery and AngularJS).

### Databases
Relational (MySQL and Oracle) and distributed databases (Riak). Hibernate.

### Operative Systems
Linux, OS X and Windows.

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

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**Language Skills**

**Spanish**: Native.
**English**: Professional working proficiency.

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**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)

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**References**

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