Iván Cruces

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Profile

Software engineer with more than seven years of professional experience 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**
University of Malaga. Málaga, Spain

Computer Scientist and Engineer degree   **2001-2008**
University of Malaga. Málaga, Spain

Employment History

Object Matrix Ltd. Cardiff, UK
Senior software engineer   **April 2012-present**

- Distributed systems development using Java, for a scalable and reliable storage solution (Big Data) for the Broadcasting industry.
- Design and implemention of a distributed search engine with Lucene.
- Distributed data with Hazelcast and Riak database (NoSQL).
- Unit and integration testing.
- Linux, Bash and Python scripting.
- Web development with Spring, REST, AngularJS and SASS.
- Customer support.
- Agile environment 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 and distributed databases (Riak). Hibernate.

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.