

Bc. Jiří Kremser

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Objective

A software architect with a lot of knowledge in theoretical informatics as well as in applied informatics and information systems, looking for an opportunity to realize his own skills on research and development projects.

Education and Qualification

- **19. 9. 2004 – present**
Faculty of Informatics, Masaryk University in Brno (Master's degree)
My final project was a system for editing metadata for Moravian Library in Brno.
- **25. 1. 2010 – 16. 6. 2010**
Erasmus programme at University of Nottingham
Artificial Intelligence methods, Quantum Computation, designing intelligent agents.

Work History

- **1. 2. 2007 - 9. 11. 2007**
Junior Java Developer at Unicorn
Thick client front-end application for Slovak bank Tatrabank. Besides developing frontend, I worked also on the server side with EJB 2.x, Hibernate and Glassfish AS.
- **14. 1. 2008 - 31. 12. 2008**
Software Analyst and Designer at Software Development Europe
Telecommunication information system for monitoring SS7 (telephony signaling). SDE company is spread all over the world (USA, France, India), therefore I had to communicate fluently in English with my colleagues.
- **25. 9. 2009 - 20. 1. 2010**
Freelancer working for Moravian Library in Brno
Deployment of system for interchanging of metadata among librarian institution in Czech Republic (OAI-PMH protocol).

References

Karel Zabloudil
SDE (Software Development Europe)
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Ing. Petr Žabička
MZK (Moravian Library in Brno)
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University projects

- **Intelligent Bee** – Multi-agent system simulating behaviour of bees.
http://ibe.es.googlecode.com/files/final_report_Kremser.pdf
- **Quantum Cellular Automata** – Coursework paper
<http://www.cs.nott.ac.uk/~asg/NSC/nsc.pdf>
- **The 0-1 Multidimensional Knapsack Problem** – Coursework paper
<http://www.fi.muni.cz/~xkremser/w/200910AIMcw-a-Kremser.pdf>
- **Solving the 0-1 Multidimensional Knapsack Problem** – Coursework project
<http://www.fi.muni.cz/~xkremser/w/200910AIMcw-b-Kremser.pdf>

Skills

Operation sys.: Administration of Linux server
JAVA platform: Spring, EJB 2.x/3.x, Hibernate, JPA, GWT
Databases: Oracle and PL/SQL, PostgreSQL
Other: XML standards
Languages: fluent English and Czech

Interests

Culture, music, sport, books, libraries, juggling, didgeridoo, problem solving and learning new things