Vadim Eisenberg

Software Developer, M.Sc. in Computer Science, hands-on, broad knowledge

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EDUCATION

TECHNION - IIT
M. Sc. in Computer Science
2007-2012 | Haifa, Israel

TECHNION - IIT
B. Sc. in Computer Science
1996-2000 | Haifa, Israel
GPA 90 (cum laude)

PROFESSIONAL SKILLS

Software Engineering and Architecture • Programming Languages • Software Design/Design Patterns • Application Environments/Application Frameworks/Middleware • Semantic Web and Database technologies • Mobile and Web applications

LANGUAGES
Java • JavaScript • Swift • C • C++ Ruby • Bash Shell • Perl • Assembly

ENVIRONMENTS
Unix • Android • OSGi • iOS • Node.js

TOOLS
git • Make • Maven • Jenkins • bash

PRODUCTS
DB2 • WebSphere Application Server DataStage • Worklight • BPM • Bluemix

LANGUAGE SKILLS

- English (fluent)
- Hebrew (native-like)
- Russian (native)
- German (fluent reading)
- Italian (basic reading)
- Polish (basic reading)

LINKS

LinkedIn: vadimeisenberg
GitHub (work): vadimeisenbergibm
GitHub (private): vadimeisenberg
StackOverflow:
6028420/vadim-eisenberg
Blog (work):
developer.ibm.com/swift/author/vadime
Blog (private):
vadimeisenberg.blogspot.com

EXPERIENCE

IBM RESEARCH | Smart Client Platforms group
2013– present | Haifa, Israel
- Currently working on Kitura - a Swift web framework
- Development of Data and Service Layers of IBM MobileFirst iOS apps
- Development of IBM Rapid Apps
- Integration of IBM BPM and IBM Worklight

IBM RESEARCH | Healthcare and Life Sciences group
2010–2012 | Haifa, Israel

- Worked in universAAL project. Development of a distributed platform for Ambient Assisted Living applications

TECHNION - ISRAEL INSITUTE OF TECHNOLOGY | Computer Science department
2007–2009 | Haifa, Israel

- Teaching Assistant in Introduction to Systems Programming course
- Head Teaching Assistant in 2008-2009
- Received an Excellent TA award

IBM RESEARCH | Performance Analysis and Optimization Technologies group
1998–2007 | Haifa, Israel

- 2003–2007 Developer and Project Leader. Worked on design and development of FDPR-Pro - a multiplatform feedback-based post-link optimization tool. Worked on development of Binary Probing utility.
- 1998–2002 Part time position (student). Worked on development of FDPR and FDPR-Pro post-link optimization tools

PERSONAL SKILLS

Passionate about Software Engineering • Dedicated to execution • Quick learner Flexible team player • Teacher • Able to work under pressure • Hands-on Team Leader • Creative Problem Solver

PUBLICATIONS

[1] Gadi Haber et. al. Optimization Opportunities Created by Global Data Reordering. In *1st IEEE / ACM International Symposium on Code Generation and Optimization, CGO*, 2003.

[2] Vadim Eisenberg and Yaron Kanza. Ruby on Semantic Web. In *The 27th International Conference on Data Engineering, ICDE*, 2011.

[3] Vadim Eisenberg and Yaron Kanza. D2RQ/update: Updating Relational Data via Virtual RDF. In *The 21st World Wide Web Conference, WWW*, 2012.

[4] Vadim Eisenberg et. al. Mobile Enablement of Business Process Management Suites. In *The 1st International Conference on Mobile Software Engineering and Systems, MOBILESoft*, 2014.