

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)

SKILLS

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

PROGRAMMING

Java • Go • JavaScript • Swift • C++ • Ruby • Bash • Assembly

ENVIRONMENTS

Unix • Android • Node.js
Ruby on Rails • Server-Side Swift
Kubernetes

FAVORITE TOOLS

Git • Make • Bash •
GitHub ecosystem: code analysis, code coverage, continuous integration

LANGUAGES

English (bilingual) • Hebrew (bilingual)
Russian (native) • Polish (limited working)
German (limited working)
Italian (elementary)

BLOGS

posts at istio.io
vadimeisenberg.blogspot.com

MISC

Marathon time: 3:42:15

EXPERIENCE

IBM RESEARCH | IoT Technologies group
2013-2022 | Haifa, Israel

- Development of Hub-of-Hubs prototype for Red Hat Advanced Cluster Management for Kubernetes. Three orders of magnitude scalability improvement.
- Development of Istio Service Mesh, ingress/egress traffic control, multi-cluster/multi-mesh. Contributor [#45 to istio/istio](#), [#8 to istio/istio.io](#). Consulting a large enterprise on their Istio adoption.
- Development of Kitura - a Swift web framework. Contributor [#1](#).
- 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

- universAAL project. Development of a distributed platform for Ambient Assisted Living applications.
- Various data processing and healthcare products projects.

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

Teaching Assistant for the course *Introduction to Systems Programming*,
Excellent TA award

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

- 2003-2007 Developer and Project Leader. Design and development of FDPR-Pro, a multiplatform feedback-based post-link optimization tool.
- 1998-2002 Part time position (student). Development of FDPR and FDPR-Pro post-link optimization tools.

PERSONALITY

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

LINKS

LinkedIn: [vadimeisenberg](#)
GitHub: [vadimeisenberg](#)
Previous GitHub (IBM): [vadimeisenbergibm](#)
StackOverflow: [553720/vadim-eisenberg](#), reputation 3207
Twitter: [VadimEisenberg](#)
DBLP: <http://dblp.uni-trier.de/pers/hd/e/Eisenberg:Vadim>
This resume: [resume.pdf](#)