

# 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](https://istio.io)  
[vadimeisenberg.blogspot.com](https://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](#)