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Objective:

Developer Position

Personal Information:

Date of Birth: 03-Feb-1987

Citizenship: Russia, Israel

Experience:

[New ProImage,](#)

June 2012 – Current

Position: Front-end Developer

Description:

Creating large-scale client side application for publishing houses.

Duties:

Extensive research of JS MVC frameworks (Backbone, Angular, Knockout, etc.), client-side application frameworks (terrific, aura, hydra) based on design patterns (mediator, facade, module);

Development:

Client side: HTML, HTML5(localStorage, WebSockets), Javascript, CSS, jQuery, Kendo UI, Knockout.

[Technion Research & Development Foundation](#)

June 2011 – June 2012

Position: Development Lead,

Project: [Web-based Object-Process Methodology \(OPM\) CASE Tool](#)

Description: On-line editor for Object-Process Methodology

Duties:

Leading the group of 8 developers, Gathering requirements, architecture developing; Modeling using OPM and UML;

Development:

Client side: HTML, HTML5, CSS, jQuery, Javascript, Bootstrap framework, SVG;

Server side: Google App Engine, Python, Jinja2, Webapp2 framework; NoSQL; Google Channel API.

Position: System Architect,

Project: TALOS – EU Border Protection System

Description:

Conceptual modeling of project's requirements.

Modeling behavior of UGV (Unmanned Ground Vehicle).

Position: System Architect,

Project: SISO Smackdown 2011 NASA Project

Description:

Analyzing the requirements.

Developing the conceptual model of Lunar Shuttle Vehicle and its behavior.

Leading the group of 5 people.
Creating the software tool of model mapping from Object-Process
Methodology to Base Object Model (Python)

Technion – Israel Institute
of Technology

March 2010 – June 2012

Position: Developer

Project: Vivid OPM Evaluation Tool

Description:

Online evaluation tool intended for check Vivid OPM. Application assigns every signing person to one of two groups. Each group performs separate task. The results are analyzed.

Development:

Client side: HTML, CSS, Javascript, jQuery

Server side: Python, Google App Engine, used Open Auth2.0 algorithms

Position: Developer,

Project: Vivid OPM Conceptual Animation Tool

Description:

Online application intended to animating conceptual OPM models into spatial-temporal space.

Duties:

Developing animation tool for conceptual models simulation (Vivid OPM).

Extensive research and analysis of currently existing solution.

Developing architecture.

The work has been presented in conferences in USA, Israel, France.

Development:

Client side: HTML, CSS, Javascript, Ajax, jQuery;

Server side: Apache Tomcat, Java

Position: Academic Adviser,

Description:

Developing Information System for Druze Heritage Museum.

Leading the group of 5 students.

Analyzing the requirements.

Developing the models' set with OPM, UML, ERD.

Development:

Client side: HTML, CSS, Javascript;

Server side: Apache, PHP, CodeIgniter Framework

Position: Teaching Assistant,

Description:

course "Specification and Modeling of Information Systems

*Center of psychological,
medical, and social
maintainability for hearing-
impaired children "ECHO"*
Oct. 2007 – June 2009

Position: Developer,

Duties:

Development of Information System for Center of Hearing-Impaired Children.

The group leader of 4 developers.

Analysis of organizational structure. Defining system requirements.

Building set of models: conceptual, structural, algorithmic, mathematical.

Design of database (Firebird). Implementation of client side with C++.

Developing User Guide. National Software Registration: #2009613569

"Computer-Aided Information System 'ECHO'".

Education:

Oct. 2009 – May 2012

Master of Science,

Technion – Israel Institute of Technology, Haifa, Israel
Major: Information System

Sept. 2004 – June 2009

Bachelor of Science,

Ural State Technical University, Yekaterinburg, Russia
Major: Information Systems and Technology
Minor: Medicine

Skills:

Operation System:

Linux, Windows

Office:

MS Office, MS Project, MS Visio, OpenOffice

Development Management: Git, Mercurial, Github, Bitbucket

Scrum, Asana

Programming:

Python, C++, HTML, HTML5, CSS, JavaScript, OOP Javascript, MVC, Backbone, Angular JS, Knockout, jQuery, Ajax, SVG, Google App Engine, JSON, XML

Modeling:

UML, OPM, IDEF, BPMN

Editor:

Photoshop, CorelDraw

Language:

English (Full professional proficiency)
Hebrew (Limited working proficiency)
Russian (Native or bilingual proficiency)

Awards:

2009:

Certificate of National Software Registration #2009613569

2009:

Opportunity Grant from Public Affairs Section of US Embassy

2009:

University Exhibition of Students Inventions and Software – 1st prize

Publications:

Bolshchikov, S., Renick A., Mazor S., Somekh J., Dori D. (2011) OPM Model-Driven Animated Simulation with Computational Interface to Matlab. Proc. 20th IEEE International Conference on Collaboration Technologies and Infrastructure, Paris, France, June 27-29.

Bolshchikov S., Somekh J., Mazor S., Monadeev M., Hertz S., Choder, M. and Dori D. (2010) Visualizing the Dynamics of Conceptual Behavior Models: The Vivid OPM Scene Player. Proc. 3rd International Conference on Model-Based System Engineering, George Mason University, Fairfax, VA, USA, Sept. 27-28.

Professional Membership:

IEEE

About:

I love the start up environment where people are passionate about what they do and they care. I am determined, devoted and passionate to what I do.
I believe it's ok not know something, but I am always willing to learn and develop my skills.
I believe, nothing can be done without a team. I do my best to bring the impact into the team and overall work.

Appendix A: Links to code repositories

1. [Web-based Object-Process Methodology \(OPM\) CASE Tool](#)
2. [Evaluation Tool for Vivid OPM](#)
3. [Angular File Explorer Test Application](#)
4. [Javascript MVC File Explorer Test Application](#)
5. [Backbone MVC File Explorer Test Application](#)
6. [Large-scale File Explorer Test Application based on Aura \(mediator, facade design patterns\)](#)

Appendix B: SlideShare Presentations' Links

1. [Web Apps Essentials](#)
2. [AngularJS Overview](#)
3. [Backbone JS Overview](#)