Sergey N. Bolshchikov

20 Zalman Shneur st.
Haifa, Israel, 32544
Phone: +972 52 534 4907
Email: sergey@bolshchikov.net
Website: http://bolshchikov.net
Blog: http://blog.bolshchikov.net
LinkedIn: http://il.linkedin.com/in/bolshchikov
Github: http://github.com/bolshchikov

Objective:	Senior Front-End Engineer

Personal Information:

Date of Birth:	03-Feb-1987
Citizenship:	Russia, Israel

Experience:

New ProImage (Agfa), *June 2012 – Current*	**Position: Senior Front-end Engineer** **Description:** Creating large-scale client side application for publishing houses. Duties: Developing application framework based on ideas of large-scale JS application (based on Aura, Ember, RequireJS, KendoUI, Karma). Extensive research of JS MVC frameworks (Backbone, Angular, Ember, Knockout, etc.). Building the server load test utilizing the existing client side code base (NodeJS, PahntomJS, ImageMagic). Creating log analyzing toolkit (Ruby, Ember). **Development**: Client side: HTML, HTML5 (localStorage, WebSockets), JavaScript, CSS, jQuery, Kendo UI, Knockout, Ember, Jasmine, Karma, PhantomJS, Node.
Technion Research & *Development Foundation* *June 2011 – June 2012*	**Position: Software 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, SVG; Server side: Google App Engine, Python, Jinja2, Webapp2 framework; NoSQL; Google Channel API.
Technion – Israel Institute *of Technology* *March 2010 – June 2012*	**Position: Software Engineer** **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, Facebook API, Google API
Server side: Python, Google App Engine, used Open Auth2.0 algorithms

Project: Vivid OPM Conceptual Animation Tool
Description:
Online application intended to animate 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

Center of psychological, medical, and social maintainability for hearing-impaired children "ECHO" *Oct. 2007 – June 2009*	**Position: Software Engineer**, **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 2013	**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:	OSX, Linux, Windows
Office:	MS Office, MS Project, MS Visio, OpenOffice
Development Management:	Git, Mercurial, Github, Bitbucket, JIRA
Languages:	JavaScript, OOP Javascript, CoffeeScript, Ruby, Python, C++, HTML, HTML5, CSS, SVG, JSON, XML
Libraries and Frameworks:	Ember, Knockout, Angular, Backbone, jQuery, Google App Engine, KendoUI, PhantomJS, Node, jQueryUI, Bootstrap, PureCSS
Testing:	Jasmine, Mocha, qUnit, Karma
Modeling:	UML, OPM, IDEF, BPMN

Open Source Projects:	***insanely-big-tables*** The comparison project of tables between different JS frameworks ***npg-selection-lists*** Selections list Ember widget ***ember-table*** Contributed the fully fledge selection mechanism for ember table component
Public Appearance:	Why do I need EmberJS if jQuery is enough (DUMP) [Slides] Ember Reusable Components and Widgets (EmberFest) [Video] [Slides] From VanilaJS to MVC (Ember-IL Meetup) [Slides] Web Projects: From Theory To Practice (GDG Meetup) [Video] [Slides] Front end Development: The Important Parts (New ProImage) [Slides]
Language:	English (Full professional proficiency) Hebrew (Limited working proficiency) Russian (Native or bilingual proficiency)
Professional Membership:	Ember-IL – official group of Ember in Israel (co-organizer), Google Developer Groups (permanent speaker),
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 knowing something, but I am always learning and developing 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.