Eldar Khalilov

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TECHNICAL SKILLS

Programming Languages:
JavaScript, PHP, Java

Technologies and Libraries:
HTML, SASS/SCSS, jQuery, Vue.js/Vuex, React, Redux, Webpack, Gulp, Wordpress, Magento, ExpressionEngine, Git, JetBrains Meta Programming System (MPS)

EDUCATION

Master of Mathematics (MMath)
University of Waterloo, Canada
Sept 2014 - Jan 2017

Master of Applied Science (MASc)
ITMO University, St. Petersburg, Russia
Sept 2010 - June 2012

Bachelor of Applied Science (BASc)
ITMO University, St. Petersburg, Russia
Sept 2006 - June 2010

EXPERIENCE

Software Engineering Intern March 2017 – June 2017
JetBrains St. Petersburg, Russia

Meta Programming Team
JetBrains Meta Programming System (MPS) - DSL Development Environment (jetbrains.com/mps)
- Designed and implemented a suite of Domain-Specific Languages (DSL) to facilitate code reuse within the MPS environment
- Extended and improved an internal Base Language (an MPS' counterpart of Java) by implementing additional operations over Java collections

Master's Researcher Sept 2014 – Jan 2017
University of Waterloo Waterloo, ON, Canada

Frontend/Backend Development
Web-Based Clafer Tools - tools for modeling, visualization and exploration of variability models (clafer.org/p/software.html)
- Performed frontend code refactoring and optimization, as well as implemented several new and improved existing features using JavaScript, D3.js, and jQuery
- Tested and debugged several crucial components using unit tests and functional testing

Software Development
ClaferMPS - an IDE for modeling of Electric/Electronic architectures in automotive domain (github.com/gsdlab/claferMPS)
- Collaborated with other researchers to design and implement a DSL for modeling of automotive E/E architectures
- Implemented an IDE on top of MPS for editing, analyzing, and visualizing of E/E architectures based on Clafer modeling language (clafer.org)

Research Intern Dec 2014 - Jan 2015
Itemis AG Stuttgart, Germany
- Developed a prototype tool for variability modeling in Product-Line Engineering based on DSL approach and Clafer modeling language using JetBrains MPS (Java)

Web Developer Sept 2013 - June 2014
PIN Web Agency St. Petersburg, Russia
- Developed cross-browser responsive static websites as well as Wordpress and Magento eCommerce themes
- Maintained and updated customer websites as needed
- Discussed design and development options with clients to ensure websites met their needs

Frontend Developer Sept 2010 - Sept 2013
Freelance St. Petersburg, Russia
- Translated graphic mockups and templates into interactive web elements using Bootstrap, JavaScript, HTML and CSS
- Developed custom Wordpress and jQuery plugins
- Provided technical support and managed websites for clients