Daniel Dedkov

Résumé

Morning! I'm a **mathematician and IT-engineer** from Minsk, Belarus. Hope that this paper could be somehow interesting to you.

General info:

Name: Daniel Dedkov
Birth: July 30, 1986
Location: Minsk, BELARUS
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Education:

PhD in Computational Mathematics (in progress)
Department of Mechanics and Mathematics
Belarusian State University, Minsk, Belarus

2009 – present

Diploma in Wireless and Mobile Computing
Center of Development and Advanced Computing,
Pune, India, finished with grade A

2012 – 2012
(6 month course)

MS in Computational Mathematics
Department of Mechanics and Mathematics
Belarusian State University, Minsk, Belarus, GPA is 8.8 of 10

2003 – 2009

Familiar technologies:

Back-end: Java, Spring, GWT, ZK, Play, WebServices/SOAP/REST/Jersey, Maven/Ivy/Ant, ORM/Hibernate, Liquibase, JUnit/Mokito, JavaCC
Front-end: JavaScript, TypeScript, CoffeeScript, jQuery, AngularJS, jQuery-mobile, Gulp, Jade, Mocha
Mobile: Android SDK, ORM lite, Otto, Tape, Crashlitics
Project: UML/Enterprise Architect, Agile
Scientific: MATLAB, Wolfram Mathematica, MPI
Other: Bash, C++, Objective-C, Cache'

Professional Experience:

Technical Director	
Minsk-division of CIB Software GmbH, cib.de / cib.by	
Role: development coordination; project planning; teams mentoring and resource planning; architectural reviews and coding; requirements analysis and specifications elaboration	Nov. 2013 – present
Development: Web-browser based RTF editor; CMIS web client for DMS	
Coordination: C++ based modules dedicated to image processing, ocr, pdf/rtf support; .NET based Document Management System; Android application for creating pdf documents from camera and storing them on remote server	
Software Developer	
Minsk-division of CIB Software GmbH, cib.de / cib.by	2012 – Nov. 2013
Projects: Web-form's creation and validation engine, Domain Specific Language implementation	
Junior Research Fellow / Teaching Assistant	
Belarusian State University, Department of Mechanics and Mathematics	2010 – present
Research: Unconditionally stable explicit methods based on matrix-exponent factorization for solving non-stationary equations of mathematical physics	
Courses: Android SDK, Linux, Computational mathematics, C++ bases	
Teaching Assistant	
Belarusian State Economic University, Department of High Mathematics	2008 – 2009
Courses: Probability theory, Economic-mathematical modeling, High math	
Software Developer	
Belarusian State University, Department of Mechanics and Mathematics	2006 – 2010
Projects: Faculty web-portal development; Electronic library archive; Training-testing system; Document control management system	

Professional interests:

IT area:
- Java and its applications
- Web development
- Mobile development
- High load and Big Data

Scientific:
- Scientific and parallel computing
- Numerical solution of PDEs
- Numerical methods of computational algebra
- Digital signal processing

Personality:

Languages:
- Russian (native)
- English (fluent)
- German (intermediate)

Hobbies:
- Code
- Judo/fitness
- Music, guitar and singing
- House building
- Family