Daniel Dedkov

Résumé

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|  | 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  Phone: (+375 33) 33-44-77-1  Url: [www.dandedkov.com](http://www.dandedkov.com)  E-mail: [dan.dedkov@gmail.com](mailto:dan.dedkov@gmail.com)  Skype: dedkov.d |

**Education:**

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| **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:**

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| **Technical Director**  Minsk-division of CIB Software GmbH, [cib.de](http://www.cib.de) / [cib.by](http://www.cib.by)  *Role:* development coordination; project planning; teams mentoring and resource planning; architectural reviews and coding; requirements analysis and specifications elaboration  *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 | Nov. 2013 – present |
| **Software Developer**  Minsk-division of CIB Software GmbH, [cib.de](http://www.cib.de) / [cib.by](http://www.cib.by)  *Projects:* Web-form’s creation and validation engine, Domain Specific Language implementation | 2012 – Nov. 2013 |
| **Junior Research Fellow** / **Teaching Assistant**  Belarusian State University, Department of Mechanics and Mathematics  *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 | 2010 – present |
| **Teaching Assistant**  Belarusian State Economic University, Department of High Mathematics  *Courses:* Probability theory, Economic-mathematical modeling, High math | 2008 – 2009 |
| **Software Developer**  Belarusian State University, Department of Mechanics and Mathematics  *Projects:* Faculty web-portal development; Electronic library archive; Training-testing system; Document control management system | 2006 – 2010 |

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| **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 |