# 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 Phone: (+375 33) 33-44-77-1 Url: www.dandedkov.com E-mail: dan.dedkov@gmail.com

Skype: dedkov.d

## **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

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

*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 *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 *Courses:* Probability theory, Economic-mathematical modeling, High math

#### **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

Nov. 2013 – present

2012 - Nov. 2013

2010 - present

2008 - 2009

2006 - 2010

## **Professional interests:** Personality:

#### 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

### Languages:

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

#### Hobbies:

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