

# 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/Mockito, 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:

## Development Leader

Minsk-division of CIB Software GmbH, [cib.de](http://cib.de) / [cib.by](http://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://cib.de) / [cib.by](http://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

# Professional interests:

### IT area:

- Java and its applications
- Web development
- Mobile development

### 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