



ALEXANDER MIKHALCHENKO

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SUMMARY

I'm skilled fast-learning developer with a strong mathematical background. Over the past years I have worked with a variety of web technologies and I'm experienced in backend (NodeJS, PHP), frontend (Javascript ES5, ES6, Angular, Aurelia, React), databases (MySQL, MongoDB, Redis) and Software architecture. I have good communication skills and 2 years of working in different teams.

I'm constantly looking for ways to apply and enrich my knowledge.

Lookig forward to hearing from you!

TECHNICAL STRENGTHS

JavaScript (3 years)	ES6, ES7; Angular, Aurelia, JSPM, Bower, jQuery, Isomorphic apps, React, JSLint
NodeJS (1 year)	Express, NPM, Grunt, Gulp, Yeoman, Browserify
PHP 5.3+ (2 years)	PHP7, Symfony 2, Symfony 1.4, Wordpress, Silex, Composer, Doctrine, PDO, phpredis, PHPOffice
MySQL, SQLite (2 years)	MySQLi, InnoDB; Raw and with ORMs
MongoDB, Redis (1 year)	ElasticSearch, Mongoose, MapReduce
HTML/XML (3 years)	HTML5, DOM, Canvas
CSS/SASS/LESS (2 years)	CSS3, Bootstrap, Flat UI
Testing	Mocha, Karma, Selenium, PHPUnit, Nightmare.js
AWS	EC, S3, SQS
Other Languages	Python (worked with OpenCV), Java, C/C++, C#
VCS	Git, Perforce

EDUCATION

Belarussian State University, Belarus	<i>2012 – Present</i>
Bachelor Degree in Computer Science & Mathematics	
Minor in Intelligent Control Systems	
Courses taken: Algorithms, Pattern recognition, Natural Text Processing, Calculus, etc.	
Average: 9.47	
Belarussian State University Lyceum, Belarus	<i>2010 – 2012</i>
Associate degree in Mathematics	
Average: 9.8	

WORK EXPERIENCE

DualLab	August 2015 - Present
<i>Full stack Web Developer</i>	<i>Minsk, Belarus</i>
<ul style="list-style-type: none">· Development of the web client and the REST API layer on top of the legacy SOAP API· NodeJS + Express used for backend; Angular for frontend· Nightmare.js and Mocha for testing· Test-driven development· Agile Software Development (Scrum)· Recommendations from my team leader and colleagues can be found on my linkedin profile	

StarOfService*Full stack Web Developer*

April 2014 - August 2015

Paris, France

- back-end development (PHP, Symfony 1.4)
- integration with AWS (SQS in particular)
- data analysis & Mixpanel integration
- the TF-IDF based search engine for the homepage
- developing from scratch and maintaining the REST API for the iPhone app
- backend request moderation tool
- front-end development (Angular/jQuery)
- Agile Software Development (Kanban)
- Recommendations from the CEO, CTO and my team leader can be found on my linkedin profile

Athena Art*Wordpress Developer*

February 2014 - April 2014

Italy, Torino

- Wordpress customization (creating custom post type managers)
- Load speed optimization (page load time reduced from 1.5s to 0.03s with custom redis-based solution)

Itransition*PHP developer*

October 2013 - January 2014

Minsk, Belarus

- Symfony web developer (traineeship + work)
- Symfony 2.2 as backend, jQuery + Bootstrap 3 as frontend
- Worked on a shop catalog system

OTHER PROJECTS

E-Analytics*October 2015*

BI application with recommendation engine for retail and e-commerce (business analysis, feasibility study, marketing research)

Boxinator*September 2015*

Cloud-based workflow management system developed with NodeJS using Dropbox API. Presented at Minsk FinTech hackaton.

MMOPriceFinder.com*July 2014*

Dynamically updating World of Warcraft and other games inner currency rates. Developed with Symfony 2, Angular JS and Flat UI

MATHEMATICAL ACTIVITIES

International Tournaments of Young Mathematicians

- ITYM 4 – 1st place & gold medal
- ITYM 6 – 2nd place & gold medal (team leader)

July 2012, Paris, France

July 2014, Bremen, Germany

Belarussian Mathematical Olympiads

- 61st BMO – I diploma
- 62nd BMO – II diploma

April 2011, Belarus, Gomel

April 2012, Belarus, Gomel

Local Tournaments of Young Mathematicians

- XIV Belarussian TYM – 1st place (team leader)
- XV Belarussian TYM – 1st place (team leader)
- 2nd St.Petersburg TYM – 1st place (team leader)

December 2012, Belarus, Minsk

December 2013, Belarus, Minsk

March 2014, Russia, St. Petersburg

LINKS AND CONTACTS

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PUBLICATIONS

”Sentimental corpus of texts generating system for solving semantic web problems in touristic domain”

Presented at the 72th BSU Scientific Conference (May 15, 2015). Approved for publication, is to be published before the 73rd BSU Scientific Conference.

HOBBIES AND INTERESTS

Music, keeping fit (swimming, fitness), literature (slowly writing a fictional book during the past 2 years).