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## Dzmitry Lazerka

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Computer geek, scientifically minded. Programming since early childhood, and working in software engineering since 2003. Developing my own side-projects for fun. Monitoring IT and scientific worlds pulse.

MSc in Mathematics, Belarusian State University.

In school participated in many programming contests. Among them:

1. 1/4 ACM ICPC world final.
2. Bronze at Russia national command programming contest.
3. Belarus national programming contest.

## Employment

### March 2010 - present

[Epam Systems](#), Mountain View, California  
Lead Computer Programmer.

Projects are confidential, sorry.

Active member of Epam Java community. Member of Google Scala community. Participated in two hackathons. Created and maintain internal entertainment website in spare time.

### July 2008 - March 2010

[Altoros Systems](#), Minsk, Belarus

Development Team Lead (4 reportees)

- Implemented [Apatar On-Demand](#): SaaS system that synchronizes your Salesforce and QuickBooks data.
- [Netcom.no](#): refactored system that synchronized Norway national and company's database of cellphone numbers.

Taught 2 lectures on "Basic Data Structures and Algorithms" to company employees.

### April 2008 - August 2008

Startup with 3 friends. Minsk, Belarus.  
Personalized news genome project.

### Sept 2007 - April 2008

[HiQo Solutions](#), Minsk, Belarus

Software Developer

Developed Linux Gnome system-tray tool that monitors Sierra MC8775 WWAN card. Proprietary, for Lenovo RedHat distributions.

### Feb 2003 - Sept 2007

5 different companies, many projects. Freelancer.  
Web dev, Java dev, SQL dev.

- JSP, Javascript refactoring of [lg.com](http://lg.com), implemented SEO guidelines.
- Ships maintenance service (desktop app on Java Swing), implemented exporting to PDF.
- Developed PHP-frontend for Belarus-national web-analytics project.
- Developed PHP project for instant website creation, focused on events (weddings, parties, etc).
- and others.

## Projects

**2010-2012: Confidential, sorry.**

### **2007-2010: Apatar On-Demand**

[http://apatar.com/salesforce\\_and\\_quickbooks\\_integration.html](http://apatar.com/salesforce_and_quickbooks_integration.html)

SaaS system for bidirectional synchronization of your Salesforce and QuickBooks data.

- Basically designed & implemented it. Coordinated team of 4 engineers. Java, Javascript, SOAP, Spring, JSP, QuickBooks API, Salesforce API.

### **2009: MD NPDB (Mediation Device for National Phone Data Base)**

Internal tool for lead Norwegian cellphone carrier ([www.netcom.no](http://www.netcom.no)). Synchronizes national and company database of cellphone numbers .

- Refactored existing tool from bare SQL ResultSets to Hibernate.
- Set up development environment (code repository, issue tracker, etc). Java, SQL, Spring Framework, Hibernate

### **2007: WSM**

Gnome system-tray tool that monitors Sierra MC8775 WWAN card. Proprietary, ordered by Lenovo for custom RedHat distributions.

- Basically designed & implemented it from scratch. C, GTK+, RPM

### **2005: WontonGold.com (domain reseller)**

- Refactored database from BerkeleyDB to PostgreSQL.

## **PROJECTS BELOW ARE DONE WHILE IN HIGH SCHOOL**

### **2004: Templates**

Engine for rapid website creation dedicated to various events (weddings, birthdays, pets, small companies).

- Implemented by design.

PHP, Javascript, MySQL.

### **2004: 123cakes.com**

A website where you can draw a text on an image of a cake and send the image to your friend over email.

Integrated with PayPal WebServices Pro. PayPal listed our company on their list of authorized integrators.

Java, PHP, Python, Javascript, Perl, Spring, Struts, Hibernate, \*SQL, BerkeleyDB

### **2003: Counters** [www.open.by](http://www.open.by)

Web sites attendance statistics. Basically, early competitor of Google Analytics, but focused on Belarus national market.

Didn't survive the competition (too small market for competitive investments).

- Implemented web frontend.  
PHP, Javascript, MySQL.

### **Technical Skills**

Web, OLTP, OLAP, ETL.

Java, Javascript, Python, Scala, C, \*SQL, GWT, Spring, Hibernate.

Cloud, Bigtable, Mapreduce, Publish/Subscribe, Google App Engine, Amazon AWS.

HTML (+HTML5), CSS.

Linux, Windows.

Octave, Mathematica.