

Alexander Kachkaev

Software Engineer / Programmer / Web Developer

London EC1, UK
<http://en.kachkaev.ru>
alexander@kachkaev.ru

Objective

Put my own small dent in the universe by doing great products together with a team of professionals and thus make life of many people better

Education

- Since 2011 **City University London (UK)**
MPhil/PhD School of Engineering and Mathematical Sciences
Intelligent Transport Systems
- 2009 – 2010 **City University London (UK)**
MSc School of Engineering and Mathematical Sciences
GPA: 82.26 of 100, degree with distinction
Programming, Cryptography and Security, Image Processing, Signal Processing
- 2008 – 2010 **Saint Petersburg State Polytechnic University (Russia)**
MSc Department of Distributed Artificial Intelligent Systems
GPA: 5 of 5 (excellent), red diploma (degree with distinction)
Distributed Intelligent systems, Neural Networks, Software development, Robotics
- 2004 – 2008 **Penza State University (Russia)**
BSc Department of Information and Computing Systems
GPA: 4.95 of 5 (excellent), red diploma (degree with distinction)
Informatics, Economics, Programming, Automated Information Systems, Databases

Work Experience

Professional

- Since 2006 **“EMI” factory (Penza, Russia)**
Software development
- designing and implementing software and building hardware components for data exchange with the numeric control machine tools
 - developing the website for the company, filling it with contents
(English version is available at www.emi-penza.com)
- Since 2008 I work for the company remotely (keep the website up to date)*
- Since 2008 **Freelance**
Web programming, make-up, database development, consulting (various projects)
- 2007 **“Rubin”, the scientific production association (Penza, Russia)**
Summer internship
- software developing for Linux using C++ with QT
 - rich experience in team working

Volunteering

- Since Feb 2010 **OpenStreetMap** (see openstreetmap.org or search “osm” with Wikipedia)
Help creating the best free map of the world
- mapping places where I’ve been and that I know
 - contributing as a developer (Java)
 - taking part in mapping parties (team-mapping events) and organising them
 - promoting the project by blogging and other social instruments
- May – June 2010 **NevaCamp Future Web IT-conference** (Saint Petersburg, Russia)
Contributed as a volunteer web developer
- designing and programming of some parts of the official website
 - fixing existing bugs, reporting errors, optimizing the source code
 - editing articles

Unrelated to Profession

- 2006, 2008 **Work during the summer holidays** (North Carolina, USA)
Was a truck driver in a rental company and a cashier in Walmart (the largest US retail company). This experience helped to know a lot regarding customer service, employee training and motivation techniques, corporate ethics and team work.

Skills and Software Experience

- Programming **PHP, JavaScript, ActionScript, SQL, C++, C#, Java, XML; SVN, GIT; Unit testing Eclipse, Visual Studio, Delphi/BCB; PHPDoc/JSDoc/etc.;**
- Web **HTML, CSS; Apache, ISPManager; Google Analytics, Google Closure; SEO; some frameworks and CMSs (e.g. Symfony2, CodeIgniter), MVC, AJAX, BEM**
- Other **Photoshop, MS Office, VM Virtual box, Matlab, LabView, 3DMax; Windows, Unix; touch typing on English “QWERTY” and Russian “ЙЦУКЕН” keyboard layouts**

Languages

English (advanced), **Russian** (native), **German** (basic)

Interests and Activities

- Sports **swimming**
- Things I like **IT, mapping, urban environment, public transport, accessibility, typography, robots, open source and wiki projects, information representation, photography, art of advertising, offbeat approaches to anything**