

Roman Bodrykh
Java Back End Software Developer

Silver Spring, MD
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Career Goal

Seeking to leverage my technical and professional expertise to grow in the new role of Java Back End Software Developer.

Professional Skills

- **Operating systems:** Windows (2000/XP/7) and Linux (Ubuntu, Linux Mint, openSUSE, CentOS)
- **Programming languages:** Java, JavaScript, C, C++, SQL
- **Technologies:** Apache, Web Services, Apache Tomcat, Apache ActiveMQ, JMS, Socket Programming, XML, CSS, AJAX, J2SE, J2EE, Swing, Spring, Spring MVC, Spring JDBC, Hibernate, GWT, FTP, Maven, Jenkins, JSON, RESTful Services, HTML
- **Databases:** MySQL, Interbase, MS SQL, Oracle
- **Source control systems:** Git, CVS, SVN
- Experienced using common developer tools such as Eclipse, Ant and Subversion
- Willing to learn new technologies and frameworks quickly and effectively
- Knowledge of Java Design Patterns
- Experience working with application servers including Apache Tomcat and web servers such as Apache and Microsoft IIS
- Understanding of multi-threaded application development

Employment History

Silver Spring, MD November 2013 to Present

Student

- Developed a three-tiered application in Java to retrieve, parse, and make available stories that were posted to the popular technology news website Hacker News REST API. The application used ActiveMQ, Oracle 11g, Spring MVC, and Hibernate ORM
- Studied Computer Science at Columbia College from August 2017 to Present
- Studied English at Columbia College from May 2016 to August 2017
- Studied English at LADO International Institute from January 2016 to May 2016
- Studied English at International Language Institute (ILI) from January 2015 to January 2016
- Studied English at International Center for Language Studies (ICLS) from November 2013 to January 2015

Cherkasy National University Cherkasy, Ukraine September 2004 to June 2013

Computer Science and Mathematics Instructor

- Worked at the university as an instructor, teaching courses in probability, statistics, data structures, object oriented programming, introduction to computer science, computer logic, parallel programming and multi-processor systems. Responsible for the following tasks for each course that I taught:
 - Lead and managed the classroom and laboratories
 - Graded student assignments and exams
 - Prepared and delivered lessons, coursework, and lectures
 - Mentored students as they completed complex projects
- Taught and trained the students to use languages and technologies through system programming such as Assembler, C, C++, Java, parallel programming and multi-processor systems
- Trained the students how to use MPI technology and develop parallel algorithms
- Was part of team developing the University web site (www.cdu.edu.ua); I used Javascript to improve the website user interface. Before I used java script, the pages were reloading. All data, images, and static pages were loaded every time the user pressed a button or changed a value on the page. Using Javascript, I made the pages more responsive. For example, when a student changed their course schedule, I used Javascript to display a message showing that the change was successful without reloading the entire page. I used Javascript to make the navigation menus faster and included sub-menus.

Education

- **M.S. in Computer Science**, Cherkasy National University, Ukraine from 2002 to 2004
 - **Thesis:** “Distribution of Resources in Implementation of Parallel Programs”
- **B.S. in Computer Science**, Cherkasy National University, Ukraine from 1998 to 2002
 - **Thesis:** “Testing System of Control and Record”

Languages

- Ukrainian (native), Russian
- English