

Curriculum Vitae

Alexander Orlov

- ✓ [LinkedIn Profile](#)
- ✓ [XING Profile](#)
- ✓ [Twitter](#)
- ✓ [GitHub Repository](#)

German citizen,
born on 06-05-1983
in Tashkent, Uzbekistan

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| Education | |
|------------------------|--|
| University | <ul style="list-style-type: none">❖ 04/2010 – 03/2011: Study of Computer Linguistics and Philosophy (M.A., 10th semester) at Ludwig-Maximilians-Universität München<ul style="list-style-type: none">○ Emphases: Logic and Ontology, computer-driven processing of the natural language❖ 10/2005 – 03/2010: Study of Philosophy and Sociology (M.A., 9 semesters) at Friedrich-Alexander-Universität Erlangen-Nürnberg<ul style="list-style-type: none">○ Intermediate Examination (BA equivalent)○ Emphases: Logic, Media and Communication, Organization Systems❖ 10/2004 – 03/2005: Study of Information and Communication Technologies (Diploma) at the University of Cooperative Education Eisenach |
| Basic Military Service | 07/2003 – 04/2004 Basic Military Service in Haidhausen and Munich |
| High School Grad. | 2003 — German Abitur, Allgemeine Hochschulreife |

| Career | |
|--------|---|
| | <ul style="list-style-type: none">❖ Since 02/2011: <i>System Architect</i> at digital publishing AG in Munich<ul style="list-style-type: none">○ JPA / EclipseLink as persistence framework<ul style="list-style-type: none">▪ JPQL○ GWT with <i>RequestFactory</i> as front- / back-end data binding<ul style="list-style-type: none">▪ Vaadin (“server-side, pure Java” GWT) for generic UI tasks▪ Usage of asynchronous programming concepts & patterns○ Jetty as Servlet Container○ <i>IntelliJ IDEA</i> as the primary team IDE<ul style="list-style-type: none">▪ Utilization of debugging techniques using breakpoints and assertions○ Firebird as SQL RDBMS○ Maven for replicable build generation, regression prevention and CI○ JUnit Test Framework for regression prevention○ TeamCity as CI |

- ❖ 09/2010 – 01/2011: Working Student as Project Assistant at [Cirquent Consulting](#) in Munich
 - **Coordination of an Automotive Aftersales Platform** prototype for *BMW* and *Daimler* as a joint venture project with two German universities
 - Elaboration of a **functional specification** document
 - Research and review of appropriate Java-based ECMs and ERPs
 - Raw data preparation for students (reduction of complexity to the most relevant parts)
 - **Project introduction talks** at partaking universities
 - Spring Roo as framework for an own prototype
 - Lucene/Solr search infrastructure usage
- ❖ 10/2009 – 04/2010: Working Student as *Software Developer* at [Bertelsmann / arvato systems](#) in Munich
 - Assistance in development of a CRM/CMS for publishers
 - Java/Groovy as programming languages
 - **JUnit** Test Framework for application logic
 - WebTest for UI unit tests
 - MySQL as database
 - **Spring** as web framework
 - **Hibernate** as persistence layer
 - Eclipse/IntelliJ IDEA as IDEs
 - Subversion as SCM
 - Creation of **bash scripts for Linux** cron jobs
 - Extensions for the Ant Build Management System
- ❖ 04/2008 – 09/2009: Working Student as *Software Developer* at [Cortal Consors](#) in Nuremberg
 - Development of a Java Web Application
 - Oracle database
 - Hibernate as persistence layer
 - Application of **GWT** for the Web UI
 - Application of JSP for basic forms and UI
 - Java as programming language
 - Eclipse/NetBeans as IDEs
 - Subversion/SVN SCM
 - Optimization and extension of Ant build scripts
- ❖ 09/2006 – 04/2008: Working Student as *Software Developer* at [Siemens Medical Solutions](#) in Erlangen (Reference: [1st/2 p.](#), [2nd/2 p.](#))
 - Development of reporting tools for and in .NET/C#
 - IBM Relational ClearCase as DSCM
 - MS VS 2005/2008 IDE
 - **SCRUM** as software management method
 - XSLT and C# as programming language
 - Application of CSS and XHTML for presentation
- ❖ 04/2005 – 09/2005: Private tutor in Mathematics
- ❖ 10/2004 – 03/2005: Practical part of the University of Cooperative Education study: *Web Developer* at [Siteforum](#) in Erfurt
 - Development of a helpdesk web application
 - Application of the proprietary scripting language SFS (PHP alike)
 - MySQL/PostgreSQL as database
 - Application of regular expressions for mail categorization

Qualification, Skills, and Interests

Skills

- ❖ Good knowledge of text processing and presentation applications within Google Docs, iWork, and *MS Office*
- ❖ IT – R&D: basic knowledge
 - Programming languages: C#/ASP.NET, C/C++, and [Go](#)
 - Scripting languages: PHP, Perl, and Ruby
 - [Google Chrome Extension development](#)
- ❖ IT – R&D: good and advanced knowledge
 - *Mac OS X*, Linux, and Windows
 - Virtualization technologies VMware and Xen
 - Administration of dedicated Linux servers
 - Software Development
 - **Java Technologies** ([usage within my own project](#))
 - Programming languages: Java, Scala, and Groovy
 - Google Web Toolkit, GWT web UI framework ([my demo](#))
 - Swing ([usage within Unitex](#))
 - Google App Engine (GAE cloud web application framework)
 - Database persistence frameworks: Hibernate and *JPA*
 - *JPQL*
 - Software Development Concepts and Paradigms
 - **Test Driven Development** and QA through JUnit, ScalaTest/Specs and *Selenium/WebTest*
 - Agile Software Development á la Grails
 - Scrum, Kanban
 - OO Programming and UML
 - Automatization of complex software build, deployment and delivery processes with *Ant*
 - Collaboration Tools
 - SCM: Subversion/SVN
 - DSCM: Mercurial and Git
 - Jira (Ticket/Issue Tracking Application)
 - Python ([usage within my own project: demo](#))
 - **Android** Application Development ([published app](#))
 - **Google APIs** usage within Chrome Extension and general web application development
 - Maven ([usage within my own project](#))
 - Oracle SQL
 - IDEs
 - *IntelliJ IDEA*, Eclipse
 - UI & Frontend Development
 - **HTML5/CSS/JavaScript** (*Ajax*)
 - Structured presentation of content and information
 - XML/XSD, XSLT/XPath, JSON
 - Text processing with regular expressions
 - LaTeX

Languages

Interests

Voluntary Engagement

- ❖ English (fluent)
- ❖ German (native level)
- ❖ Russian (native language)
- ❖ Latin (Latinum level)

- ❖ **Media Technology**
 - Loxal IT Platform: the [page](#), the [blog](#) and my [projects](#)
- ❖ Universal, generic and open problem solutions
- ❖ Media Culture
 - Information synthesis out of data and knowledge organization
 - Social Networks and collaboration concepts á la Web 3.0
- ❖ Economy and finance market
- ❖ **Sports**
 - *Triathletics*
 - Tennis
- ❖ Badminton

- ❖ [Participation](#) in OSS projects (incl. [Grails](#) and [Unitex](#))
- ❖ Maintenance of [own open source projects](#)
- ❖ Intercultural experience gained from work within the [Munich Erasmus Student Association](#) (MESA e. V.)

Munich, 17 September 2011



Alexander Orlov