

## Skills

<b>Java</b>	Hibernate, JSP, JavaBeans, Servlets, Android, JUnit, Mockito, Spring <i>Tools:</i> Eclipse, Ant, Tomcat
<b>C#</b>	WinForms, WinAPI, Entity Framework <i>Tools:</i> Microsoft Visual Studio, MS SQL Server Express
<b>Prolog</b>	SWI-Prolog, JTransformer, Cultivate
<b>Other</b>	Python (Django), JavaScript (jQuery, node.js), SQL <i>Tools:</i> JIRA, SVN, Git

## Certifications

<b>Java</b>	Sun Certified Java Programmer (SCJP 6.0) – September 2009
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## Education

<b>2011 – 2014</b>	University of Bonn, Master of Science in Computer Science
<b>2010 – 2011</b>	HTWK Leipzig, Department of Media + Department of Computer Science, Mathematics and Natural Sciences (exchange program student)
<b>2006 – 2010</b>	National Technical University of Ukraine, Bachelor degree
<b>2003 – 2006</b>	Information Technologies Lyceum, Dnipropetrovs'k, Ukraine

## Other

<b>Citizenship</b>	Ukraine
<b>Spoken Languages</b>	English (fluent), German (basic), Russian (native), Ukrainian (native)
<b>Fields of Interest</b>	Java, Python, Android, text-mining, information retrieval

## **Experience**

<b>Nov 2011 – Mar 2014</b>	Software Engineer (student assistant), Fraunhofer FIT, Germany
<b>Aug 2012 – Aug 2012</b>	Student, Mobile Robots Lab, University of Bonn
<b>Aug 2011 – Sep 2011</b>	Student, Agile Lab, University of Bonn
<b>Jan 2011 – Mar 2011</b>	Flash Developer, Megaron, Leipzig, Germany

## **Projects**

<b>Vis-En-Vis Solar</b>	Aug 2013 – Mar 2014, Fraunhofer FIT, Germany
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	Description: Solar panel flare simulation as a web-service
	<ul style="list-style-type: none"><li>- Initial architecture design</li><li>- Creation of underlying database schema</li></ul>
	Responsibilities: <ul style="list-style-type: none"><li>- Authorization and project management features implementation</li><li>- Scripts conversion for geographical data extraction (C# to Perl)</li><li>- User interface design</li></ul>
	Tools and technologies: Python, Django, SQLite, JavaScript, jQuery, C#, Perl, Apache HTTP server, mod_wsgi, Unity 3D engine, Twitter Bootstrap
<b>Plan-T</b>	Jul 2012 – Aug 2013, Fraunhofer FIT, Germany
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	Description: Action-guidelines management system for public services coordination at events of extreme disasters and situations
	<ul style="list-style-type: none"><li>- Design and develop underlying database architecture</li><li>- New features implementation (exporting to PDF, Word, Excel; User/project management functionality)</li></ul>
	Responsibilities: <ul style="list-style-type: none"><li>- UI performance improvement</li><li>- Refactoring and bug-fixing</li></ul>
	Tools and technologies: C#, UML, WinForms, WinAPI, MS Visual Studio, MS SQL Express, JIRA, SVN
<b>SWAPit</b>	Nov 2011 – Jul 2012, Fraunhofer FIT, Germany
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	Description: Text-mining system for managing and visualizing of large sets of textual data, used for news tracking and patent similarity analysis
	<ul style="list-style-type: none"><li>- Refactoring of JSPs to separate presentation and logic concerns, bug fixing</li></ul>
	Responsibilities: <ul style="list-style-type: none"><li>- Architecture redesign, user-interface redesign</li><li>- Code style unification, improvement of database communication structure</li></ul>
	Tools and technologies: Java, Eclipse, SVN, JSP, Servlets, Hibernate, SQL, Tomcat, Ant
<b>Cultivate</b>	Aug 2011 – Sep 2011, University of Bonn
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	Description: Eclipse Prolog Development Tool (PDT) plug-in extension to help developers make better architecture for Java projects
	<ul style="list-style-type: none"><li>- Implementation of new “smells” inefficient code detection (Android)</li></ul>
	Responsibilities: <ul style="list-style-type: none"><li>- New Eclipse PDT plug-in views and features development</li><li>- Requirements analysis, task breakdown, task timeframe estimation</li></ul>
	Tools and technologies: Java, Prolog, Eclipse, OSGi, Cultivate, Android, JTransformer, SVN, Extreme Programming, Test Driven Development