

# ALEXANDER FEDER

---

## PERSONAL DETAILS

ADDRESS: undisclosed  
MOBILE: +43 676 300 9656  
EMAIL: i@alexanderfeder.com  
WEB: www.alexanderfeder.com  
DATE OF BIRTH: 1980 in Vienna  
CITIZENSHIP: Austria, European Union

## PROFILE

Highly cooperative and pro-active SOFTWARE ARCHITECT with great experience in software engineering in a variety of fields, with a strong affinity for efficiency and security. Ability to understand complex systems quickly and eager to simplify them. Team-oriented yet stimulated by competition, skilled in conveying knowledge to senior management. Seeking to contribute exceptional problem solving skills and creative thinking to challenging areas of IT.

## WORKING EXPERIENCE

2008 – TODAY	IT SYSTEMS DEVELOPER, T-Systems Intl. – Software Daten Service <sup>1</sup> , Vienna <ul style="list-style-type: none"><li>– <b>Security Coordinator</b> within the <b>ISO 27001 certification</b> process</li><li>– undisclosed</li><li>– undisclosed</li><li>– Initiative in improving <b>application security</b></li><li>– Consolidation and enhancement of <b>coding guidelines &amp; standards</b></li><li>– Design &amp; implementation of the <i>GEOS monitoring system</i> (using GWT)</li><li>– Design &amp; implementation of <i>DB2 PureXML</i> extensions to GEOS</li><li>– Design &amp; implementation of in-house <i>tools</i> and <i>web-applications</i></li><li>– undisclosed</li><li>– Maintenance of the <i>GEOS data model, system model</i> and <i>data dictionary</i></li></ul>
2005	LINUX TUTOR, Albertinaplatz Consulting, Vienna Teaching beginners, advanced and special topics in security
2003	CONTRACTOR, Post AG <sup>2</sup> , Vienna <ul style="list-style-type: none"><li>– Part of a team to change the Windows domain of all 10k+ employee PCs</li><li>– Created scripts to speed up the process by 300% on my own initiative</li></ul>
2002 – 2003	SOFTWARE ARCHITECT, Insilico Bioinformatics, Vienna <ul style="list-style-type: none"><li>– Reimplementation of bioinformatics software (Protein folding)</li><li>– Implementation of a stochastic simulation library (<i>CARL</i>)</li><li>– Design &amp; implementation of a trading simulation using <i>CARL</i></li></ul>
1998 – 2008	DEVELOPER and documentation activities on following projects

---

<sup>1</sup><http://www.sds.at>

<sup>2</sup>Austrian Postal Service

	Bib2x <sup>3</sup> , 3Dsia <sup>4</sup> , RMC and ODB <sup>5</sup>
1998 – 2003	PROJECT LEADER, 3Dsia <ul style="list-style-type: none"> <li>– development of an open source multiuser VR system</li> <li>– coordination of an international team of developers</li> </ul>
2000 – 2001	TUTOR, BFI <sup>6</sup> , Vienna operating systems, network basics and applications
2000 – 2001	CIVIL SERVICE, Lebenshilfe Wien Work with multiply disabled people
1998	TRAINEE, Ikarus Anti-Virus Software, Vienna

## EDUCATION

2005 – 2008	<b>Master in Computational Intelligence</b> <sup>7</sup> with distinction, Vienna University of Technology (Master's Thesis: <i>Methods of Affective Artificial Intelligence and an Application for Traffic Simulation with Emotional Drivers</i> <sup>8</sup> )
2001 – 2005	<b>Bachelor in Information Engineering</b> , Vienna University of Technology
1995 – 2000	HTL <sup>9</sup> Vienna 22 (Department for IT and Organization), Matura <sup>10</sup> with distinction (Final Thesis: 3Dsia - Multiuser Virtual Reality)

## TECHNICAL SKILLS

LANGUAGES:	C++, Java, Perl, C# .NET, SQL (DB2+PureXML), XML, XQuery & Co, UML, ...
TOOLS:	GNU Tools, MATLAB, Visual Studio, Xcode, $\text{\LaTeX}$ , {Open, MS}Office, ...
SYSTEMS:	GNU/Linux (x86, PPC), Windows (most flavours), Mac OS X (Darwin), Unix
WEB:	Apache, Tomcat, Mason (mod_perl), GWT, AJAX, SEO, ...
SECURITY:	(web) application security (Code & SQL Injections, XSS & CSRF, ...)
MISCELLANEOUS:	Network programming, Lotus Notes, database design, multithreading, POSIX, regex, quick orientation in 3 <sup>rd</sup> party code, software porting, ...

## SOFT SKILLS

GERMAN	native
ENGLISH	fluent – IELTS 8.5/9
RUSSIAN	beginner
INTERESTS:	Piano, violin, basketball, music (classical and electronic), composition, photography, literature, travelling, cooking & wine, ...
MISCELLANEOUS:	Driving licence

<sup>3</sup><http://www.xandi.eu/bib2x>

<sup>4</sup><http://sourceforge.net/projects/threedisia>

<sup>5</sup><http://savannah.nongnu.org/projects/moss>

<sup>6</sup>Institution for vocational training

<sup>7</sup><http://www.informatik.tuwien.ac.at/research/areas/computational-intelligence.html>

<sup>8</sup><http://www.alexanderfeder.com/Thesis.pdf>

<sup>9</sup>Technical college

<sup>10</sup>Final exam at the end of secondary education