

Objective

I have a broad range of experience that I want to apply in a new and exciting environment. Exciting for me are Unix/Linux environments, mobile development, J2EE and anything that uses software to make people's life easier.

Education

- **Swiss Federal Institute of Technology** ETH Zurich, Switzerland
Master of Computer Science 1993 - 1998
 - Major in Computer Science with focus on data structures, graph theory, distributed computing, cryptology
 - Minor in Mathematics: Statistics and operations research

Work Experience

- **Adnovum Kft** Budapest, Hungary
Technical lead 2006 - 2011
 - Moved to Hungary and helped building up the office in Budapest for AdNovum's near-shoring activities, hiring of people and mentoring them. Selected assignments I have worked on while in Budapest include...
 - Lead developer of the Budapest-based development team responsible for the implementation of an entry and logistics application for one of the world's largest suppliers of cement. The application integrates various data sources and systems such as PDAs, GPS information, SAP and rail event data through WebServices, FTP and JPA using Hibernate. It is equipped with a rich web frontend that integrates Google Maps and uses AJAX technology, and it is deployed on JBoss. This project was very successful and served as the foundation of MOAP2 (2nd version of Mother Of All Projects) from which all projects are started.
 - Implementation of the UBS locator iPhone app
 - Invented and introduced a generator concept, which is now used in all projects. The novelty of this approach enables projects to come up with new generators very easily and share them with other projects.
 - Lead developer of a System which handles tax payer's information. This system is comprised of several components and was very successful (in terms of performance and maintainability) and was chosen as the foundation of AdNovum's MOAP (Mother Of All Projects) on which all projects are based

AdNovum specializes in the design, implementation and integration of customized high-end business applications and security software.

- **AdNovum Informatik** Zurich, Switzerland
Senior Software Engineer 2001 - 2006
 - Member of the Strategic Technology Management Group, which assesses current technologies, tools and techniques.
 - Co-authored the definition of the Java EE architecture and guidelines for a major department of the Swiss federal government covering aspects such as authentication and authorization, transaction handling, auditing, system security and certificate management, quality assurance and engineering. I also wrote a cookbook containing examples of the patterns and concepts.
 - I have worked on a broad range of projects for clients such as UBS, PostFinance and the Swiss Federal Department of Justice and Police. I have also served as an internal and external consultant on service-oriented and component based architecture, as well as JEE and related AdNovum Informatik AG technologies, and mentor other engineers.
- **Ascentrix Technologies** Mountain View, CA
Software Engineer 1999 - 2001
 - Implementation of a highly scalable email appliance system. The system was based on C code, some perl and a lot of DJB's code (daemontools, qmail, djbdns, ...).

Ascentrix is a web hosting provider which prides itself to squeeze the last bit out of their servers.
- **Swiss Federal Institute of Technology** ETH Zurich, Switzerland
Research Assistant for Prof. Juerg Nievergelt 1998 - 1999
 - Development of a 3D engine based on OpenGL to visualize hyperplane arrangements.
 - Lecturing students on computer science and scientific calculus.

Non Professional Software Projects

Android apps 'where was I?' and 'simplest alarm-clock ever'	2011
Open source projects on github (jeannie and duplo)	2011
Wolpers was later released into the public as an Amiga program	1996
Participated in the computer Othello world championships (Wolpers)	1995 and 1996
Wolpers has played over 50000 games against human players and other programs on ios	1995
Invented the first vector based chess engine for MOS 6510 processors	1987

Skills

Computer Languages: Java, C/C++, Objective-C, Perl, groovy, ... and exposure to many more.

Operating Systems: Linux (many flavours), Solaris, MacOS X, OpenStep, VMS

Frameworks, APIs, Containers: Spring, Hibernate, JEE (JPA, EJB, JSF, ...), JBOSS, Glassfish, Weblogic, Websphere, Android SDK, iPhone SDK

Languages: German native speaker; excellent English

Miscellaneous: strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good team skills, have lived in different countries and experienced different cultures.

Interests

gyrocopter pilot, reading novels, skiing, travelling, fitness