

Curriculum Vitae

Personal data

Name Sandro Curcio
Address Haldenstrasse 81
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Email sandro@curcio.com
Date of birth 23.12.1972
Place of origin Abtwil AG, Switzerland
Marital status Married
Children Conan James, 09.06.2007
Sofia Elizabeth, 09.06.2009

Education

1999-2001 2 years post-graduate studies, BWI Center for Enterprise Sciences ETH Zurich
Degree Master of Applied Science ETHZ MTEC/BWI
1996 3 months English school, Fresno USA
1992-1995 3 years electrical engineering studies, Zurich University of Applied Sciences Winterthur
Degree Bachelor of Electrical Engineering (Dipl. El. Ingenieur FH)
1989-1992 3 years professional high school, Zürich
1988-1992 4 years vocational training school, Zürich
1983-1988 4 years secondary school, Lugano und Embrach
1978-1983 5 years primary school, Lugano

Job training

2007 Sun Certified Developer for the Java 2 Platform
2006 5 days training course for Oracle PL/SQL, Digicomp Zürich
2005 5 days training course for professional teaching
2004 Sun Certified Programmer for the Java 2 Platform
1999 3 days training course for Software Project Management, Digicomp Zürich
1998 4 days training course for Java Programming, Digicomp Zürich
1988-1992 4 years professional training in electronics, Kistler Instrumente AG Winterthur

Work experience

03.2008 **Establishment of the one-man company curcio software engineering.**
Key responsibilities
- Kistler Instrumente AG: Design of a platform for testing electrical devices
- mivune AG: Design and development of Widgets for a building automation solution (JavaScript, HTML, CSS)
- Swisscom: Further development of a photo web application (JavaScript, Ext JS, HTML, CSS, ActionScript)
- crb: Performance optimization of a komplex web application (JavaScript, Ext JS)
- mivune AG: Design and development of a KNX/EIB gateway for a building automation solution (Java)
- futureLAB AG: Further development of a photo book offline client (Visual C++ 2008, Qt4.4)
- Kistler Instrumente AG: Co-development of a calibration software for piezoelectric sensors and of a web-based repair management system (Visual C# 2008, ASP.NET, HTML, CSS)

- Aspectra AG: Development of various web applications, including banking authenticators (JavaEE, phion-airlock)

2007-2008 **Teacher of computer science at the professional training school in Winterthur.**

2006-2008 **UBS AG, Zürich. Application developer in the area of Risk Management Solutions.**
Key responsibilities
- Architecture and development of a generic messaging interface (Java, JMS, XML, PL/SQL, IBM MQ)
- Development and implementation of business requirements for multiple Credit Risk Reporting applications (JavaEE, XML, XSLT, PL/SQL, WebSphere)
- Setup of a build environment for Java Projects (Maven, SVN, QuickBuild)
- Support for the deployment process of new applications
- Java course management

2000-2006 **Aspectra AG, Zürich. Software developer in the Internet sector.**
Key responsibilities
- Development of an application for monitoring and managing customer systems and applications (JavaEE, Oracle 9iAS/DB)
- Development of a web-based ticketing system (JavaEE, Oracle 9iAS/DB)

- Development of a SNMP proxy for monitoring systems and applications (Java, SNMP)
- Development of an application for remote monitoring customer systems and applications (Java, XML, HTTPS)
- Programming a full text search and analysis tools for a major online bookstore (Java, Enfinity, Oracle DB)
- Programming a single sign-on solution and user management tool for a private bank (Java, RSA Ace Server, LDAP)
- Support for the implementation of customer projects
- Evaluation of new technologies and tools in the Internet sector
- Systematic detection and correction of vulnerabilities in Internet applications
- Responsibility for the apprenticeship

1997-2000

Key responsibilities

Kistler Instrumente AG, Winterthur. Hardware and software developer.

- Development of a digital amplifier for piezoresistive sensors (μ C, ADC/DAC, C++, Assembler)
- Designing and programming algorithms for the compensation of piezoresistive sensors (PowerBuilder)
- Creation of a concept to unify the calculations for the compensation of piezoresistive sensors and project management in implementing it
- Support and maintenance of existing applications for piezoresistive sensors (Mathematica)
- Development in the Internet and Intranet sector

Specific skills

Very good skills

- Methodology: Software-Engineering, OOP, XProgramming, RUP, Design Patterns,
- Programming languages: Java, C#, SQL, PowerBuilder, TurboPascal, Assembler, Unix Shell
- JavaSE/EE: JSP, Servlets, EJB3, JPA, XML, RMI, JNDI, JDBC, JMS, Swing
- Web: HTML, CSS, JavaScript, Ajax, Ext JS, jQuery
- Network protocols: TCP/IP, UDP, HTTP(S), SNMP, SMTP, LDAP
- Operating systems: Windows, Unix, Linux
- Application/Web servers: JBoss, Oracle 10iAS, WebSphere, Glassfish, Tomcat
- Relational databases: Oracle, MySQL, MSSQL
- Tools: Eclipse, Visual Studio 2008, Maven, Ant, SVN, Git

Good skills

- Hardware: Microprocessors, AD/DA converters, sensors
- Methodology: Project management, Software architectures
- Programming languages: ASP.NET, C++ (Qt), Groovy, PL/SQL, XSLT
- JavaSE/EE: JTA, JSF, Facelets, Web Services, Struts, Spring, Hibernate, Seam
- Web: Adobe ActionScript/Flex/Flash
- Application/Web servers: Weblogic, IIS
- Tools: Mathematica

Language skills

German	Native language
Italian	Native language
English	Fluent in spoken and written (Irish spouse)
French	Useful skills in spoken and written

References

futureLAB	Mr. Matthias Aebi, Tel. +41 52 260 2222
ProjectOne	Mr. Beat Decasper, Tel. +41 78 623 7626
Aspectra AG	Mr. Kaspar Geiser, Tel. +41 44 296 5656

Sandro Curcio

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