David Hemmi

Personal Data

Place and Date of Birth:	Switzerland | 22. Januar 1988
Address:	Friedenweg 2, 9220 Bischofszell, Switzerland
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Work Experience

Apr-Aug 2013	**Internship OekoSolve Inc., Switzerland** *Hard- and software development* Design and development of an automated test bench for high-voltage(*30kV*) generators. Work including, mechatronic design, assembly, software development for data analysis, statistical evaluation and creating a user interface.
Oct 2012- Mar 2013	**Internship Austrian Institute of Technology AIT, Vienna Austria** *Software development for transport optimisation* Software engineering (Java,C++) and research assistance, including work on proof of optimality. Development of an API to fetch weather data (XML) and creation of an Android game to visualise the container pre-marshalling problem.
Autumn 2008	**ProEcoEnergy, Canada** *Plumber* Installing custom hybrid and waste heat recovery systems.
Aug 2003- Aug 2007	**Pezag Elektro Inc., Switzerland** *Apprentice electrician* Electrical installation and control in industrial and manufacturing companies. PLC programming.

Education

Sep 2013- Sep 2014	Master of Science in Robotics, **University of Bristol**, England Thesis: "Bio-inspired optimal control of a robotic arm"
Sep 2009- Sep 2012	BSc in Systems Engineering and Computer Science, **NTB St.Gallen**, Switzerland Thesis: "3D gesture control interface for a CAD"
2009	Military Service, truck driver
2007-2008	Qualification to enter University, Switzerland

Skills

Good Knowledge:	Java, JUnit, C/C++, Prolog, Python, Assembler, PLC, UML, Matlab, Labview, Linux, Unix, Android, Git, SVN, Maven, XML, MAYA
Knowledge:	mySQL, html, VHDL

Languages

German:	Mother tongue
English:	Fluent
French:	Basic knowledge

INTERESTS AND ACTIVITIES

Social games, culture, traveling, sports, cycling (ultra-marathon 720km < 24h)