

# C U R R I C U L U M V I T A E

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## Personal details

### **DARIO SIMONETTI**

date of birth	15/11/1988
citizenship	Swiss
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## Schools attended

09/2007 – 09/2010	3 years University of Applied Sciences of Southern Switzerland (SUPSI) Manno, Bachelor of Science in Computer Science
09/2003 – 06/2007	4 years Scuola Professionale Artigianale Industriale Locarno as computer scientist, specialization applications, federal technical maturity integrated

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## Work experience

11/2010 – present	Lead Software Developer for MintTwist Ltd, London, United Kingdom
06/2009 – 07/2009	Software Engineer for Schindler Elettronica SA (Schindler Group), Locarno, Switzerland
06/2008 – 07/2008	Software Developer for Schindler Elettronica SA (Schindler Group), Locarno, Switzerland
09/2003 – 08/2007	four-year apprenticeship as Computer Scientist for Schindler Elettronica SA (Schindler Group), Locarno, Switzerland

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## Language skills

Italian	mother tongue
English	reading: excellent writing: good verbal: good
French	reading: good writing: good verbal: good
German	reading: basic writing: basic verbal: basic

## Professional knowledge

database	design of a database ( <i>E-R models, SQL, Oracle, MySQL</i> )
SW development	object-oriented programming ( <i>Java, C++, Qt</i> ) procedural programming ( <i>C, ADA</i> ) web programming ( <i>PHP, JavaScript, Ajax</i> ) programming microcontrollers in <i>assembly</i> events oriented, parallel and concurrent programming <i>UML</i> (class diagram, use case diagram, sequence diagram) computer graphics ( <i>OpenGL</i> ) software engineering (design patterns, unit testing, refactoring, continuous integration) optimization (linear programming, simplex algorithm, branch and bound) heuristics ( <i>simulated annealing, tabu search, ant colony optimization, genetic algorithms</i> )
systems	operating systems: <i>Windows</i> (excellent), <i>Linux</i> (good), <i>openVMS</i> (basic) foundations in networking
others	<i>HTML, XHTML, XML, CSS</i> office software ( <i>Word, Excel, PowerPoint</i> ) foundations in electronics and digital logic foundations in mechatronics

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## Awards

10/2007, I-CH	Best LPI (individual productive project) in Informatics in Switzerland, chosen from about 1,800 other LPis
11/2007, AMETI	Achieved best average for final exams of the apprenticeship in the computer science