

Thomas Schweizer

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EDUCATION

<i>Bachelor of Science HES-SO in Computer Science, major in Software Engineering. HEIG-VD</i>	09.2011 - 09.2014
Major de promotion (Valedictorian), Grade : A	
Summer university in computer science at San Jose State University. HEIG-VD, SJSU	07.2013
<i>Certificat fédéral de capacité - Informatique. ETML</i>	08.2008 - 06.2011
Apprenticeship in Computer Science	
<i>Maturité technique professionnelle. ETML</i>	08.2008 - 06.2011
Equivalent of a professional high school degree in Computer Science	

WORK EXPERIENCE

Software development engineer. Digger - Fixed term contract for Swiss civil service	10.2014 - 10.2015
- Full stack engineering software development projects	
- Maintenance and re-factoring of existing Digger softwares	
- Creating new software development projects	
- Maintenance of IT infrastructure and installation of new material	
- Technical support for the foundation employees	
Technical Support Helpdesk. EPFL, Poseidon - Internship	09.2010 - 12.2010
Mandatory internship for my apprenticeship	
- Helpdesk (Hardware and software) for EPFL's undergraduate, graduate and PHDs	
- Maintenance, development and documentation of a Windows 7 auto installer	

ACADEMIC EXPERIENCE

Evolution et vie artificielles (Artificial evolution and life), HEIG-VD, Maximum grade	02.2014 - 09.2014
- Development of a 3D simulation software to observe the evolution of a population of virtual organisms	
- Development of a genetic library to represent virtual organisms	
- Measuring and analysis of different organisms' population with different initial conditions	
PropSim , HEIG-VD, Project leader (Team of 5) : Configurable propagation simulator in Python	09.2013 - 01.2014
MIDAS , HEIG-VD, Project leader (Team of 5) : Accounting software in Java	02.2013 - 06.2013
Onapi , HEIG-VD, Project leader (Team of 4) : 2D game in Java	04.2013 - 06.2013
Locate , Summer University, Team of 4 : Localization game on Android	08.2013
Librairie Kinect , ETML, Maximum grade : High level library to use the Microsoft Kinect on Windows with C#	04.2011 - 06.2011

COMPUTER SKILLS

Languages:	Java, C#, Haskell, R, Python, SQL, C++, HTML, CSS, PHP, JavaScript, C, Assembly
Others:	Agile, Android, Machine Learning, Bioinformatics, Relational Database, Data Science, Unity, IT

AWARDS AND ACHIEVEMENTS

<u>HEIG-VD</u>	
<i>Prix HEIG-VD</i> : Best overall results during all semesters and final project in computer science (full time)	12.2014
<i>Prix GiTi</i> : Excellent bachelor project "Evolution et vie artificielles"	12.2014
<u>ETML</u>	
<i>Distinction</i> : One of the ten best final year project of computer science's apprenticeships in Switzerland in 2011	11.2011
<i>Prix de pratique</i> : Best overall performance for final year	07.2011
Second position performance for the state of Vaud, Switzerland in 2011 in computer science apprenticeships	
<i>Prix de théorie</i> : Best average grade in theory for final year	07.2011
<i>Diplôme ETML</i> : Passed the finals and very good results during the training	07.2011
<i>Prix d'attitude et progrès remarquables</i> : Remarkable progress, merit and behavior	11.2009