

ARON FIECHTER

Curriculum vitae, updated March 2, 2018

Information	
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<i>Online presence</i>	Personal website: atelier.inf.unisi.ch/~fiecha Twitter: @AronFiechter GitHub: Spyridox
<i>Date of birth</i>	August 17th, 1994
<i>Nationality</i>	Swiss
<i>Currently (Mar 2018)</i>	Studying Informatics at USI Lugano. Expected graduation in June 2018
Education	
<i>Sep 2015 – Jun 2018</i>	Bachelor of science in Informatics at Università della Svizzera italiana (USI) in Lugano. Bachelor project in software engineering in the research group REVEAL. Project title: <i>University timetable scheduling</i> . The project consists in developing a solver to be integrated in a web application. Expected graduation in June 2018
<i>Sep 2014 – Feb 2015</i>	Studied Microengineering for one semester at EPFL (Lausanne)
<i>Sep 2009 – Jun 2013</i>	Highschool in Locarno, specific option Biology and Chemistry and complementary option Physics
Professional experience	
<i>Feb 2018 – Jun 2018</i>	Teaching assistant for the course <i>Programming Fundamentals II</i> given by Prof. Matthias Hauswirth at USI. The course is about object oriented programming using Java
<i>Sep 2017 – Dec 2017</i>	Internship at Comunica IT Services SA in Chiasso (CH). The internship consisted in developing a web application using Node.js and Polymer 2.x
<i>Jul 2017 – Aug 2017</i>	Research internship at the Faculty of Informatics at USI Lugano supervised by Prof. Evanthia Papadopoulou. The internship consisted in developing a graphical tool using C++ and CGAL; title: <i>Implementation of Geometrical Algorithms - The Farthest Line-Segment Voronoi Diagram</i>
Informatics skills	
<i>Software engineering</i>	Scrum, GitFlow, UML, testing, code analysis
<i>Web development</i>	MVC, Node.js and Express, React, Polymer
<i>Algorithms</i>	Complexity theory, search algorithms, dynamic programming, max-flow min-cut
<u>Languages and frameworks</u>	
<i>Advanced</i>	Node.js, Express.js, Polymer 2.x, mongoDB, C++
<i>Intermediate</i>	Scala, Java, \LaTeX , MATLAB, C, Scheme, Python
<i>Basic</i>	Haskell, Bash, R, SQL, Qt

Languages	
<i>Italian</i>	Native language
<i>English</i>	Fluent
<i>French</i>	Advanced
<i>German</i>	Intermediate
Extracurricular activity	
<i>May 2017 onward</i>	Active member of the association USIGeek, with organizative and webmaster roles. The association organizes cultural and entertainment events such as viewing of movies, TV series and board games nights.
<i>2013 and 2014</i>	Civil service: worked as assistant cook, administrative assistant
<i>Summer 2015 and 2016</i>	Worked in the staff at the Locarno Film Festival
Grants & prizes	
<i>Mar 2017</i>	Winner of the 2016/2017 Harley Davidson Club Ticino scholarship for attending the second year of Bachelor at USI Lugano on the basis of my results of the first year
Interests	
<i>Science</i>	I'm interested mainly in biomedicine and astrophysics
<i>Cinema</i>	I watch many movies and TV series, which led to my participation in the association USIGeek and in working for the Locarno Film Festival