Ruben Fiszel

Master student in Computer Science
Minor in Financial Engineering

☎ *(415) 570-4109*
✉ *ruben.fiszel@epfl.ch*
 rubenfiszel
 rubenfiszel
 rubenfiszel.github.io

Education

Feb 2017 - Sep 2017	**Stanford University**, *Palo Alto, USA*, Visiting Research Student. Master project on Delite at the PPL lab
2015 - Sep 2017	**École Polytechnique Fédérale de Lausanne (EPFL)**, *Lausanne, Switzerland*. Master in Computer Science with a minor in Financial Engineering **Overall current GPA: 5.58/6 (Top 5%)**
2014-2015	**Johns Hopkins University (JHU)**, *Baltimore, USA*. Third and Last year of Bachelor: Study abroad. **Selected with a scholarship**
2012-2015	**École Polytechnique Fédérale de Lausanne (EPFL)**, *Lausanne, Switzerland*. Bachelor in CS **Overall GPA: 5.16/6 (Top 5%)**

Work Experience

Summer 2016	**Skymind**, *San Francisco, US*. **Software Engineer Intern** Sole author of the Deep Reinforcement Library rl4j (github.com/deeplearning4j/rl4j). Library includes the asynchronous method A3C and is able to play from pixel input.
Summer 2013	**Crossing-Tech**, *Lausanne, Switzerland*. **Software Engineer Intern** Creating the backend to understand and execute the clients requests expressed in natural language through NLP

Relevant Projects

Spring 2016	**Study of deep reinforcement learning methods and deep exploration**. Semester project at the Laboratory of Artificial Intelligence at EPFL
2014-2015	**Android Strategy game, Sole developer**, *Scala with libgdx*. Game inspired by Faster Than Light (FTL) with some real-time strategy (RTS) elements
2014	**Quizz application backend**, *Scala with Akka*. The server was efficient and scalable to a very high-volume of players
2014	**eShop armancerotceig.com**, *Python with Django*.
2012-2013	**Android Strategy Game**, *Scala with libgdx*, Not published. Turn-by-turn strategy game, inspired from Advance Wars for Nintendo GBA

Skills

Programming	Scala, Haskell, OCaml, Java, Python, C/C++, Lisp, Perl, Matlab, R, Erlang
Languages	Native French, Fluent English, Basic German
Interests	Strong interest in Statistics, Functionnal Programming, Artificial Intelligence, Machine Learning, NLP
Programming Contests	HopHacks 2015 Google Code Jam: 2012, 2013 Helvetic Coding Contest (hc2): 2013 IEEEXtreme Programming: 2013 (72nd Mondial Ranking) Prologin (french national programming contest): 2012, 2011
Others	Class president throughout all my years at EPFL, Ski instructor, Teaching Assistant in various courses at EPFL