Olivier Blanvillain

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EDUCATION

2015: Master's degree at EPFL in Computer Science (expected, Feb.)

2012: Bachelor's degree at EPFL in Computer Science, GPA: 5.47/6

2009: EPFL preparatory year (CMS)

2008: French Scientific Baccalaureate

EXPERIENCE

2013: CERN (IT-CIS-DLS), six-month internship: design and implementation of the *BlogForever Crawler* ⬀. The project was completed very fast, in aboutg half of the allocated time, and the remaining time was used to document my work with a scientific publication ⬀. My novel content extraction algorithm was evaluated with a 93% success rate, 5% better than the state-of-the-art solution.

PROJECTS

2015: EPFL (LAMP), master project: (ongoing) *Scala.js networking made easy*. In this project I am designing a networking library that offers a simple, unified and type-safe solution to browser-server communication.

2014: EPFL (LARA), semester project: *SlickChair conference management system* ⬀, developed from scractch using Play Framework and Slick. Experienced many aspects of software development; from the establishment of specifications, the choice of technologies, the implementation, to the deployment in production. The first SlickChair instance was used for the FM-CAD 2014 student forum and is planned to be used for future Scala conferences.

2014: Main technical reviewer of *Slick Queries in Scala*, ISBN 8113OS

2014: Library for functional programming in Unix Shell ⬀

2012: Minimal content management system using Google Docs ⬀

2011: EPFL, semester project: Parallelization of a collaborative filtering algorithm with Menthor ⬀

2010: Java bot for a flash puzzle game ⬀

PERSONAL

Born on July 9, 1990, dual citizenship French-Swiss

Languages: French (mother tongue), English (C1), Spanish (B2)

Hobbies: music, board games, unicycle

Links to project repositories are available in the electronic version of this document.
https://olivierblanvillain.github.io/resume/