Olivier Blanvillain

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EDUCATION	2015:	EPFL Master's degree in Computer Science, GPA: 5.26/6
	2012:	EPFL Bachelor's degree 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* in Python ⌕. The new content extraction algorithm lead to a conference paper which was later extended to a journal version published in the *International Journal of AI Tools* ⌕.

PROJECTS

2015: EPFL (LAMP), master project: *Scala.js networking made easy*. Designed a networking library for simple, unified and type-safe browser-server communication ⌕. Built a cross platform, real time multiplayer game with predictive latency compensation as an illustration ⌕.

2014: EPFL (LARA), semester project: *SlickChair conference management system* ⌕, developed from scratch using Play and Slick. Experienced many aspects of software development: establishment of specifications, choice of technologies, implementation and deployment in production.

2014: Library for functional programming in Unix Shell ⌕

2012: Minimal content management system using Google Docs ⌕

2011: Parallelization of a collaborative filtering algorithm with Menthor ⌕

2010: Java bot for a flash puzzle game ⌕

LANGUAGES

Expert: Java, Python, Scala, Shell
Intermediate: C, C#, PHP, SQL
Beginner: JavaScript, R, Perl, VHDL, Clojure
Interested: C++, Ruby, Go, Lua, Haskell, Lisp

PERSONAL

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

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

Hobbies: Music, video games, board games, unicycle