

Olivier Blanvillain

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EDUCATION	<p>2015: EPFL Master's degree in Computer Science, GPA: 5.26/6</p> <p>2012: EPFL Bachelor's degree in Computer Science, GPA: 5.47/6</p> <p>2009: EPFL preparatory year (CMS), GPA: 5.31/6</p> <p>2008: French Baccalaureate</p>
EXPERIENCE	<p>2015: MFG Labs, June 2015 - present: Software Engineer</p> <ul style="list-style-type: none">• Working on an AdTech product, leading a team of 6 software engineers• Scala, Play, Slick, Spark, PostgreSQL, Akka Streams, Elasticsearch, AWS <p>2013: CERN (IT-CIS-DLS), six-month: Software Engineer Intern</p> <ul style="list-style-type: none">• Designed and implemented the BlogForever Crawler in Python• Published a research paper on the content extraction algorithm
PROJECTS	<p>2016: OSS contribution: Frameless</p> <ul style="list-style-type: none">• Type-safe wrapper around Spark APIs <p>2015: OSS contribution: Play Validation</p> <ul style="list-style-type: none">• Removed dependency on Play, replacing it with Cats• Replaced macro by automatic type class derivation with Shapeless <p>2015: EPFL (LAMP), master project: Scala.js networking made easy</p> <ul style="list-style-type: none">• Designed a networking library for type-safe, cross-platform communication• Built a multiplayer game with predictive latency compensation as illustration <p>2014: EPFL (LARA), semester project: SlickChair conference management system</p> <ul style="list-style-type: none">• Integrated Google, Facebook and email authentication for Play• Developed a generic append-only data store layer on top of Slick <p>2014: Library for functional programming in Unix Shell</p> <p>2012: Minimalist content management system using Google Docs</p> <p>2011: Parallelization of a collaborative filtering algorithm with Menthor</p> <p>2010: Java bot for a flash puzzle game</p> <p>All projects above are available open source at https://github.com/olivierblanvillain/</p>
LANGUAGES	<p>Expert: Scala, Java, Python, Shell</p> <p>Intermediate: C, C#, PHP, SQL, Haskell</p> <p>Beginner: JavaScript, R, Perl, VHDL, Clojure</p>
PERSONAL	<p>Born on July 9, 1990 in Geneva, dual citizenship French-Swiss</p> <p>Languages: French (mother tongue), English (C1/C2), Spanish (B2)</p> <p>Hobbies: Music (piano, drums and lots of listening), video & board games, unicycle</p>