

Olivier Blavillain

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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), GPA: 5.31/6
 - 2008: French Baccalaureate
- EXPERIENCE**
- 2016: EPFL, PhD Program in Computer Science, EDIC Fellowship
 - 2015: MFG Labs, 14 month: Software Engineer
 - Working on an AdTech product, leading a team of 6 software engineers
 - Scala, Play, PostgreSQL, Slick, Spark, Akka Streams, Elasticsearch, AWS
 - 2013: CERN (IT-CIS-DLS), 6 month: Software Engineer Intern
 - Designed and implemented the BlogForever Crawler in Python
 - Published a research paper on the content extraction algorithm
- PROJECTS**
- 2016: OSS contribution: Frameless
 - Type-safe wrapper around Spark APIs
 - 2015: OSS contribution: Unified Validation Library
 - Removed dependency on Play, replacing it with Cats
 - Replaced macro by automatic type class derivation with Shapeless
 - 2015: EPFL (LAMP), master project: Scala.js networking made easy
 - Designed a networking library for type-safe, cross-platform communication
 - Built a multiplayer game with predictive latency compensation as illustration
 - 2014: EPFL (LARA), semester project: SlickChair conference management system
 - Integrated Google, Facebook and email authentication for Play
 - Developed a generic append-only data store layer on top of Slick
 - 2014: Library for functional programming in Unix Shell
 - 2012: Minimalist content management system using Google Docs
 - 2011: Parallelization of a collaborative filtering algorithm with Menthor
 - 2010: Java bot for a flash puzzle game
- All projects above are available open source at <https://github.com/olivierblavillain/>
- PERSONAL**
- Born on July 9, 1990 in Geneva, dual citizenship French-Swiss
 - Languages: French (mother tongue), English (C1/C2), Spanish (B2)
 - Hobbies: Music (piano, drums and lots of listening), video & board games, unicycle