Olivier Blanvillain

Avenue Floréal 5
1006 Lausanne, Switzerland
+417 86 85 77 85
olivier.blanvillain@gmail.com

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-present: PhD student at EPFL in the programming methods laboratory (LAMP)

2015: Software Engineer at MFG Labs, 14 months
- Working on AdTech, leading a team of 6 engineers
- Scala, Play, PostgreSQL, Slick, Spark, Akka Streams, Elasticsearch, AWS

2013: Software Engineer Intern at CERN (IT-CIS-DLS), 6 months
- Designed and implemented a blog crawler in Python
- Published a paper on the content extraction algorithm

PROJECTS

2016: OSS contribution: Frameless
- Type-safe wrapper around Spark APIs

2015: OSS contribution: Unified data validation library
- Implemented automatic type class derivation with Shapeless

2015: EPFL 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

2014: EPFL semester project: developed a conference management system

2012: Minimalist content management system using Google Docs

2011: EPFL semester project: parallelization of a collaborative filtering algorithm

2010: Java bot for a flash puzzle game

All projects above are open sourced at github.com/olivierblanvillain

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