Quentin Mazars-Simon

about

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Switzerland

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http://quentin.ms

French

languages

mother tongue: french
fluent english (C1)
german & swedish notions

interests

Artificial Intelligence, Data Mining, Machine Learning, Natural Language Processing, Big Data, Human Computer Interaction

education

2012–2015(exp.)	**Master of Communication Systems** Specialization in Internet Computing	École Polytechnique Fédérale de Lausanne
2011–2012	**Exchange Student**	Kungliga Tekniska Högskolan, Sweden
2009–2012	**Bachelor of Communication Systems**	École Polytechnique Fédérale de Lausanne

internships

09/14–03/15 Livestream, NYC — *Intern*
Master thesis internship

07–09/2012 European Organization for Nuclear Research (CERN) — *Summer Student*
Main project: Building a collaborative tool for the Internal Audit team using Microsoft Sharepoint (+ C#, Powershell).
Side projects: Improving Open Data at CERN; ParticleQuest.com, a fork of Mozilla's BrowserQuest to teach particle physics (winner project of the CERN Webfest).

07–08/2009 Banque Privée Espirito Santo — *Intern*
Technology scouting, Foresight, Website building.

project experience

2014 AlpineTrails: A hike planning tool — *Side Project*
Build using MongoDB, AngularJS, Node and Express. (Winning project of Facebook Hackathon@EPFL 2014)

2013 Schedule-based estimation of pedestrian travel demand within a railway station — *Semester Project*
Elaboration of a mathematical framework for dynamic estimation of pedestrian route demand in a train station and its implementation in Python (with Scipy)

2012 reddit recommender — *Semester Project*
Project part of the Software Engineering course. Use of collaborative filtering to recommend posts from the reddit website.

computer science skills

Proficient with Java, Python, Latex
Experience with C, C++, Scala, HTML5/CSS3, Javascript (+ jQuery), PHP, JEE