




Romain Edelmann

Software Engineer
(ing. info. dipl. EPF)

Personal Information

Nationality: Swiss
Birthdate: November 12, 1988
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GitHub: <https://github.com/redelmann/>

Formations

	<p>École Polytechnique Fédérale de Lausanne PhD (currently pursuing) Interests: Programming Languages, Formal Verification, Machine Learning. Teaching: Introduction to Programming (in C), Parallelism & Concurrency (in Scala), Functional Programming (in Scala).</p>	<p>09.2015 - Today</p>
	<p>École Polytechnique Fédérale de Lausanne Computer Science Master Specialisation: Foundation of Software Master Thesis: BIP in Functional Programming Languages GPA: 5.68 / 6</p>	<p>09.2012 - 02.2015</p>
	<p>National University of Singapore Computer Science Bachelor Exchange year in Singapore</p>	<p>08.2011 - 06.2012</p>
	<p>École Polytechnique Fédérale de Lausanne Computer Science Bachelor GPA: 5.38 / 6</p>	<p>09.2009 - 06.2012</p>
	<p>Gymnase de Burier Maturité Gymnasiale Thesis: Game Theory and Artificial Intelligence</p>	<p>09.2004 - 06.2008</p>

Professional Experience



Fondation Suisse pour les Téléthèses, Neuchâtel

Software Engineer

Software development for people suffering from disabilities. Worked on Android applications and support websites in PHP with Laravel. Worked as part of civil service.

02.2015

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08.2015



Google, Zürich

Software Engineer Intern

6 months internship in the YouTube team. Conception and implementation (in C++) of a dynamic access analyser for an internal programming language at Google.

08.2013

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02.2014



École Polytechnique Fédérale de Lausanne

Student Teaching Assistant

Assisted students during programming and exercise sessions, as well as graded exams and projects. Worked for several introductory programming courses as well as for an information science course.

09.2010

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02.2015



EDSI-Tech, Lausanne

Associate Developer

Website and Android application development.

09.2009

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08.2012

Technical Skills

Programming Languages:	Java, Python, C, C++, Haskell, Scala, Objective-C, PHP, SQL
Web Development:	HTML, CSS, Javascript
Machine Learning:	Keras, PyTorch
Frameworks:	Android, iOS, Django, Laravel, jQuery
Operating Systems:	Mac OS X, Linux (Ubuntu), Windows
Other:	git, LaTeX

Languages

French:	Mother tongue
English:	Fluent (C2)

Hobbies

During my free time, I collect, assemble and paint miniatures for a tabletop strategy game I play with my friends and in tournaments. I also spend a lot of time working on personal programming projects. In the past, I have developed a password manager (which I use daily), random variable libraries in various languages, programming languages, and intelligent agents for games.