



Thomas Anthony Denoréaz

Address : XXXXXXXXXXXX – CH-8046 Zürich
Telephone : (mobile) +41 78 XXX XX XX
Websites : <http://thmx.ch>
<https://github.com/ThmX>
E-Mail : thomas.denoreaz@gmail.com
Nationality : Suisse – Aigle (VD)
Birth date : 2nd of August 1988
Civil status : Single

Currently in Master of Computational Science & Engineering at ETH Zürich

Goals

- Research in the field of robotics, either hardware or software.
- Teaching the field of Computer Science

Languages

- French (Mother tongue)
- English (C1 - CEF):
 - Language courses abroad for 3 weeks
 - CAE preparation course during a semester
- German (B1 - CEF):
 - Language courses abroad for 3 weeks
 - Military service inside a mixed languages (French and German) company

Awards

- Bachelor of Science in Computer Science from EPFL – July 2015
- Professional Technical Maturity (Maturité Professionnelle Technique) – June 2008
- Federal Certificate (CFC) in Informatics – June 2008

Education

- 2010-2015: Bachelor of Computer Science at EPFL (Lausanne, CH)
- 2008-2010: Cours de Mathématiques Spéciales (CMS) at EPFL (Lausanne, CH)
- 2004-2008: Apprenticeship in Informatics at CFPT (Geneva, CH)
Professional Technical Maturity at CFPT (Geneva, CH)

Military

- Platoon leader as Officer in Command Support – October-April 2015
- Officer school in Command Support – July-October 2014
- Squad leader as Sub-Officer in Transmission / Command Support – March-June 2014
- Non-commissioned officer (NCO) school in Transmission / Command Support – July-October 2009

Experiences

- Information Technology:
 - Web developer, June 2015 – September 2015:
 - Creation of a Scala Play WebApp for a PhD student (spektro.epfl.ch)
 - Software Engineering, July 2015 – September 2015:
 - The project was to design a Jenkins plugin to be able to let user to try and use a tool similar to ABC. In a second phase, the idea was to rebuild the LAPSubmit plugin in order to be more generic.

- Software Engineering, January 2013 – February 2014:
 - Design of the Computer Architecture laboratory automated grading system (lapsubmit) built on top of Jenkins (jenkins-ci.org) interconnecting several system together.
- Developer at Junior Entreprise (www.je-epfl.ch), August 2013 – September 2013:
 - Creation of the Android prototype for Qloudlab (www.qloudlab.com).
- Developer at UsefulWeb (www.usefulweb.ch), August 2011 – September 2012:
 - 7 weeks internship into the company, then engaged as developer.
 - Java Web applications using Spring.
 - iOS App design & implementation
- Android Project, August 2011 – September 2012:
 - Creation of the Android application for ForumEPFL (forum.epfl.ch).
- Pedagogy:
 - Military Instructor, March 2014 – July 2014:
 - Make the lessons and instruct the troupe and squad leaders.
 - Director of exercises to train the squad leaders and the troupe.
 - Teaching-Assistant, August 2011 – February 2014:
 - Computer Architecture (12-14): Assistant during the laboratories.
 - Software Engineering (13): Guide students to design an Android App in Java.
 - Digital Design (11-13): Chef-assistant for two years (laboratories & exams).
 - Java Project (11-12): Guide students to implement a project in Java.
 - ARA Coach (www.ararep.ch), 2008:
 - After attending training courses, I had three students during a semester.

Computer science skills

- Office: LaTeX & MS Office
- Operating System: Mac OS X, Linux & Windows
- Development:
 - Databases: SQL, MongoDB
 - Paradigms: Functional, Object Oriented, Procedural, Logic & Prototyping
 - Main languages: Scala, Java, Objective-C, C++, Prolog, PHP & JavaScript
 - Web (Frontend): React, jQuery, HTML5 & CSS3
 - Web (Backend): Spring, Play Framework
 - Mobile: Android & iOS (iPhone / iPad)
 - Hardware: FPGA (VHDL) & Microcontroller (C51)
- Graphism: Basic notions of The Gimp
- CAD: Basic notions of AutoCad, ProEngineer & SolidWorks
- Server & Network: GNU/Linux, MS Windows Server & Novell NetWare

Hobbies

- Sports:
 - Team: Karate, Floor hockey & Chess
 - Climbing: Rock Climbing & Via Ferrata
 - Fitness: Hiking, Pool swimming & Boxing
 - Winter: Skiing, Snowboarding & Snow shoeing
 - Running: 20Km Lausanne, Semi-marathon of Geneva
- Music: Guitar & Drum
- Robotics: Former member of Zeptox.ch
- Algorithmic: spoj.pl, HC2.ch, Google Code Jam
- Learning: Coursera, edX