Thomas *Anthony* **Denoréaz**

Address	:	XXXXXXXXXXX – 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 Profesionnelle 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 & OpenOffice.org
- • Operating System: Windows, Mac OS X & GNU/Linux
- • Development:
  - ◦ Databases: MySQL, PostgreSQL & Oracle
  - ◦ Paradigms: Functional, Object Oriented, Procedural, Logic & Prototyping
  - ◦ Main languages: Scala, Java, Objective-C, C++, Prolog, PHP & AJAX
  - ◦ Web: JSP, Spring, Play Frameworks, HTML5 & CSS3
  - ◦ 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