Thomas *Anthony* **Denoréaz**

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Nationality	:	Suisse – Aigle (VD)
Birth date	:	2nd of August 1988
Civil status	:	Single

Currently in 3rd year Bachelor of Computer Science at EPFL

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

- Federal Certificate (CFC) in Informatics – June 2008
- Professional Technical Maturity (Maturité Profesionnelle Technique) – June 2008

Education

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

Military

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

Experiences

- Information Technology:
  - 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).

- Software Engineering, January 2013 – February 2014:
  - Design of the Computer Architecture laboratory automated grading system 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).
- Pedagogy:
  - ARA Coach (www.ararep.ch), 2008:
    - After attending training courses, I had three students during a semester.
  - Teaching-Assistant, August 2011 – February 2014:
    - Java Project (11-12):   Guide students to implement a project in Java.
    - Digital Design (11-13):   Chef-assistant for two years (laboratories & exams).
    - Computer Architecture (12-14):   Assistant during the laboratories.
    - Software Engineering (13):   Guide students to design an Android App in Java.
  - 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.

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