Antoine Albertelli

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Education

2010–Current **BSc in Microengineering**, *EPFL*, Lausanne.

Employement history

2012 **Warehouse work**, *Adecco*, Vevey.
Warehouse management, including reception and sending of goods.

2011–2012 **Student assistant**, *EPFL*, Lausanne.
Student assistant for the *Computer-based engineering* course by R. Boulic

Activities

2008–Current **Robotics contest**, *Club Vaudois de Robotique Autonome*, Renens.
Took part in the Eurobot robotics contest. My tasks as a programmer during this contests were :
- 2009 : Control of a pneumatic system using an Arduino programmed in C.
- 2010 : Electrical and software developpement of a motor control board based on an Atmel AVR.
- 2011 : Port of the existing codebase from AVR to Altera's NIOS2 running in an FPGA.
- 2012 : Maintenance and support of existing code.
- 2013 : Project management and lead programmer of the robot.

Languages

French **Native speaker**
English **Fluent**

Computer tools

Proficient C, Git, Mercurial, Linux, Python
Known Solidworks, MATLAB, LaTeX

Interests

Robotics Control systems, Low-level programming, Realtime operating systems, Motion planning.

Software engineering High reliability software, Testing methods, Team collaboration techniques