

Antoine Albertelli

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📁 antoinealb.github.io

Education

EPFL

BSc in Microengineering

Lausanne

2010–Current

Employment history

Adecco

Warehouse work

Vevey

2012

EPFL

Student assistant

Student assistant for various programming courses.

Lausanne

2011–Current

La Poste

Warehouse work

Eclépens

2013–2014

Activities

Club Vaudois de Robotique Autonome

Robotics contest

Renens

2008–Current

Took part in the Eurobot robotics contest and was qualified for European finals in 2009 and 2013. My main achievements in the contest 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: KiCAD, MATLAB, L^AT_EX, OpenGL, Assembly

Interests

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

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