

Antoine Albertelli

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📁 antoinealb.github.io

Education

EPFL <i>BSc in Microengineering</i>	Lausanne <i>2010–2014</i>
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Employment history

Adecco <i>Warehouse work</i>	Vevey <i>2012</i>
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EPFL <i>Student assistant</i> Student assistant for various programming courses.	Lausanne <i>2011–2014</i>
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La Poste <i>Warehouse work</i>	Eclépens <i>2013–2014</i>
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Lemaitre Lab, EPFL <i>Civilian service</i>	Lausanne <i>2014–Current</i>
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Activities

Club Vaudois de Robotique Autonome <i>Robotics contest</i>	Renens <i>2008–Current</i>
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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, \LaTeX , OpenGL, Assembly

Interests

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

Software engineering: High reliability software, Test driven development, Team collaboration techniques