

Antoine Albertelli

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📁 antoinealb.github.io

Education

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| EPFL <i>BSc in Microengineering</i> | Lausanne <i>2010–Current</i> |
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Employement history

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| EPFL <i>Student assistant</i> Student assistant for the <i>Computer-based engineering</i> course by R. Boulic | Lausanne <i>2013</i> |
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| EPFL <i>Student assistant</i> Student assistant for the <i>Numerical Analysis</i> course by F. Nobile | Lausanne <i>2013</i> |
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| Adecco <i>Warehouse work</i> Warehouse management, including reception and sending of goods. | Vevey <i>2012</i> |
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| EPFL <i>Student assistant</i> Student assistant for the <i>Computer-based engineering</i> course by R. Boulic | Lausanne <i>2011–2012</i> |
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Activities

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| Club Vaudois de Robotique Autonome <i>Robotics contest</i> Took part in the Eurobot robotics contest and was qualified for European finals in 2009 and 2013. My main achievements in the contest were : <ul style="list-style-type: none">○ 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. | Renens <i>2008–Current</i> |
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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, Testing methods, Team collaboration techniques