Antoine Albertelli

Ch. de l'Auverney 9
1814 La Tour-de-Peilz
📶 079 384 38 62
☎ 021 944 45 44
✉ antoine.albertelli@epfl.ch
🖥 www.github.org/antoinealb

Education

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

Employement history

2013	**Student assistant**, *EPFL*, Lausanne.
	Student assistant for the *Computer-based engineering* course by R. Boulic
2013	**Student assistant**, *EPFL*, Lausanne.
	Student assistant for the *Numerical Analysis* course by F. Nobile
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 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, Testing methods, Team collaboration techniques