

Axel Mousset

Computer engineering student

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📄 <http://blog.mousset.me>

Education

2013 - present **Computer engineering**, *University of technology of Troyes (UTT)*, France.
2013 **French high school degree**, Obtained with honors, *Paris*.

Work experience

2013 - present **Club Robotik UTT**, *Vice-president*, Student robotics club.
○ 🤖 Two participations at french robotics cup
- Low-level development with C++ on Arduino
- High-level development with Node.js on Beaglebone black
- CAN bus communication
- Motion control: PID controller, dead-reckoning
2013 - 2014 **UTT Net Group**, *Active member*, Student computer science club.
○ 🤖 Development of BuckUTT
- Electronic payment system for students (80k€ / year)
- Node.js, AngularJS, MySQL
Summer 2013 **Front-end developer**, *Ligne bleue cyber*, Paris.
○ MySQL Database migration
○ Development of a website sketch for the Paris International Agricultural Show
○ System administration

Technical skills

Databases	MySQL, MariaDB, MongoDB, RethinkDB
Languages	C, C++, Javascript (Node.js), Python, Haxe, Java
Platforms	ODROID, Raspbery Pi, Beaglebone, Arduino
Microcontrollers	ATmega, msp430
Embedded	Communication bus, VLSI design
Automatic	Control engineering, sensor fusion

Languages

French	Native
English	Good (<i>BULATS 89/100</i>)
Espagnol	Basics

Interests

Sports	Swimming, sailing, foosball
Hobbies	Robotics, electronics, literature