

# Axel Mousset

Computer engineering student

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## Education

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

## Work experience

### Professionnal

Summer 2013 **Front-end developer**, *Ligne bleue cyber*, Paris.  
○ MySQL Database migration  
○ Developement of a website sketch for the Paris International Agricultural Show  
○ System administration

### Associations and clubs

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.  
○ 🤖 Developement of BuckUTT  
- Electronic payment system for students (80k€ / year)  
- Node.js, AngularJS, MySQL

## Technical skills

<b>Databases</b>	MySQL, MariaDB, MongoDB, RethinkDB	<b>Prototyping boards</b>	ODROID, Raspbery Pi, Beaglebone, Arduino
<b>Languages</b>	Javascript, C, C++, Haxe, Java, Python	<b>Embedded systems</b>	Communication bus, VLSI design
<b>Automatic</b>	Control engineering, sensor fusion	<b>Microcontrollers</b>	ATmega, msp430

## Langues

French Native  
English Good (*BULATS 89/100*)  
Espagnol Basics

## Interests

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