

## Xavier BOURLOT

21 years old  
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### EDUCATION

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- **2016 – Present** : Electronic and Electrical engineering in Institut National des Sciences Appliquées, Toulouse (31), fourth year
- **2013 – 2016** : Science High School diploma ( equivalent to ) with honors (86)

### CERTIFICATIONS & SKILLS

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- Cambridge English Certificate 2014 (B1 level)
- Deutsche Sprachdiplom 2014 (B1 level)
- Computer skills :
  - Office pack, LTSpice, Eagle, Kicad, Windows and Unix-based operating systems.
  - Programming experience in C, C++(17), ADA, Python, Assembler, Java, JavaScript, PHP, Verilog, VHDL, VBA, LabView, Matlab.
- Electronic : semiconductors basics, analog & digital design, PCB conception & making (on a personal basis), critical and embedded systems, microcontrollers & FPGA.

### EXPERIENCE

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- **2018** : Interim in Fonderies du Poitou (smelting works) : industrial cleaning and maintenance
- **2017** : 1 month work experience in the defense industry in SAFT Batteries Poitiers (86)
- **2013** : “first steps in business” work placement in Thalès Avionics Châtellerault, with a quality manager

### LANGUES

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- Fluent in spoken and written technical English, (C1 Level), (Scored 975pts on the TOEIC)
- German, solid basic skills

### ACTIVITIES

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- Electronic and programming :
  - Various personal projects involving software and hardware development
  - Co-President, Treasurer and Secretary of INSA Toulouse' Fablab since 2016 : managing public reception, technical projects, training sessions, machine park and partnerships.
- Climbing in clubs since 2011, supervising children aged 6-12 from 2013 to 2016 : Ensure

safety, design and implement training programs, promote responsibility and independence,

- Music Conservatory from 2004 to 2017 : trumpet, orchestras and musical training