

# Aurélien CHAPPUIS

## Graduate Electronic & Computer Science Engineer at *CPE Lyon*

15 rue Alexandre Dumas  
74600 Seynod, France  
00 33 (0)6 37 30 58 36  
[aurelienchappuis@gmail.com](mailto:aurelienchappuis@gmail.com)  
[fr.linkedin.com/in/aurelienchappuis/](http://fr.linkedin.com/in/aurelienchappuis/)  
[github.com/achappuis](http://github.com/achappuis)

### CORE COMPETENCIES

---

Embedded Systems - Robotics - C Programming - Perl  
Programming - ARM/Thumb Assembly - Object Oriented  
Programming - GNU Toolchain - Digital Electronics

### LANGUAGES

---

**French:** Native Speaker  
**English:** Good spoken and written skills(B2)  
**Spanish:** Basic knowledge  
**German:** Basic knowledge

### WORK EXPERIENCE

---

- February 2014 - July 2014*    **Adeneo Embedded**(*BSP Support*), *Friedberg, Germany*  
**BSP & Driver development**  
Development of *driver for sensor* like Accelerometer or Ambient light sensor(C, C++)  
Integration and bug fixes in **HDMI and VGA drivers**(C, C++)  
Integration of *bootloader* functionalities(C, ASM)
- July 2012 - June 2013*    **Infineon Technologies**(*Silicon Vendor*), *Munich, Germany*  
Process and Analysis of Characterisation Tests  
Development of *parsing tools* to extract test results(perl, regular expressions)  
Development of test results visualisation tools(perl, gnuplot)  
Development of intranet websites(perl, CGI)
- July 2011*    **CSD**(*Platform for distribution of fresh produce*) , *Alby, France*  
Operated in warehouse
- July 2010*    **Crédit Agricole des Savoie**(*Bank*), *Annecy le Vieux, France*,  
Designed web site's graphics

### SKILLS

---

**IT**    OpenOffice, LibreOffice, Microsoft Office, Linux (Debian, OpenWRT, CentOS), NetBSD, Windows, Matlab, Pspice

**Computer Science**  
C, perl, C++, Java, PHP, Javascript, XML, HTML, CSS, SQL, Gnu Toolchain, Flex, Bison, SVN, git, perl regular expressions

### PERSONAL INTERESTS

---

**Community involvement**  
Treasurer of a robotics club, Galileo(2011 - 2012)

**Other**    Track and Field  
Climbing and Bouldering  
Robotics  
Photography

### EDUCATION

---

- 2010–2014*    *CPE Lyon* *departement of Electronic*, fifth year of higher education.  
Major: **Electronic & Computer Science**  
Linux in embedded systems  
Electronics in embedded systems  
Network and system security and reliability  
Information systems design  
Graphs and algorithms  
Compilation techniques  
Company Creation Project
- 2008–2010*    *St Just «Classes Préparatoires»* 2 years full-time higher education in **Mathematics and Science** with languages and general studies, in preparation for entry to CPE Lyon.
- June 2008*    Baccalaureate, high school diploma specialized in **Science** at *St-Michel Annecy*, passed with honors.