

Christophe RIBOT

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IT engineer

Education and qualifications

- 2012 - 2017 **Fifth year of a five-year degree course in Computer Science Engineering Degree**
Specialization in **Networks & Telecommunications**, and **Embedded Systems**.
University of Technology of Belfort-Montbéliard (northeast of France)
- 2012 **Baccalauréat STI**. French High School Diploma, specialized in electronics.
Martigues (southeast of France)

Skills and achievements

- OSs Perfect knowledge of **Windows**, **GNU/Linux**, and **macOS**.
- Networks and servers Cisco certified from **CCNA 1** to **CCNA 4**.
Apache, **nginx** and **IIS** configuration. **DNS** zone.
Cisco Collaboration solutions (telephony, visio-conference, WebEx, instant messaging...) and its architecture (**CUCM**, **TPS**, **TMS**...).
- Embedded systems **Raspberry Pi**, **Arduino**, **Nucleo**, **BeagleBone Black**, **PIC**, **Lego Mindstorms / Android**.
- Programming languages **UML** modeling.
C/C++ and **GTK3+/Qt** graphical libraries.
Java and **Swing**. **Java for Android / Eclipse**, **Android Studio** IDE.
Knowledges in **Bash**, **Perl**, **Python**.
- Website design **HTML5**, **CSS3**, respect for **W3C** web standards. **JavaScript** (**AJAX**, **jQuery** and other frameworks), **PHP5**, **MySQL5**, **PostgreSQL**.
CMS: **WordPress**, **Dotclear**, **Joomla!**, **Drupal**, **MediaWiki**, **Prestashop**, **osCommerce**.
- Database design Relational databases modelling.
MERISE method with **WinDesign**, **MySQL Workbench**. **Microsoft Access**.
- Other software Versioning: Good command of **Git** and **SVN**.
Office suites: **LibreOffice** and **Microsoft Office** and **Visual Basic** macros.
Good command of **Photoshop**.

Work and training history

- 2017 - ongoing **Free Mobile, Montpellier, France**.
French Mobile Operator. Website: <https://mobile.free.fr/>
System and network engineer, following the 6-month end of study internship.
- 2015
(6 months) **Cisco Systems France, Paris**.
6-month engineering assistant internship, within a team of presales engineers, in Unified Communications.
 - Presenting Cisco Collaboration solutions to customers and potential customers.
 - Maintaining the Cisco Showroom. (Phones, telepresence, computers, etc.)
 - Deploying new products and solutions.
 - Development of customization on existing solutions thanks to API. (IoT, Tropo, Cisco Spark)

- 2015 **Implementation of a program that simulates a plant using the Kanban system.**
University project in pairs.
Programmed in C (with threads) and monitored synchronization.
- 2014 **Performing a hash map by chaining.** University project, individual work.
Programmed in C. This table can contain hundreds of thousands of records while ensuring a very short access time to the data.
- 2014 **Minesweeper game.** University project in pairs.
Programmed in Java with Swing GUI.
- 2014 - ongoing **Couverture-Mobile.** Personal project. URL: www.couverture-mobile.fr
Development of a website which maps all the mobile phone antennas for the four French mobile carriers.
Programmed in PHP, HTML/CSS, and JavaScript. Managing a Google map with more than 40,000 markers. Statistics and personalized newsletter system for users.
- 2014 **Development of cash register software.** University project.
Supervisor of a seven-person group.
Programmed in C with the MySQL library for items database; with GTK3+ GUI.
Ability to use a barcode reader. Generating the till receipt.
- 2014 **Individual tuition (mathematics and physics)**
Tutoring pupils from middle and high school.
- 2013 (1 month) **Production operator internship.**
Dassault Aviation, Istres site (southeast of France)
Checking aircrafts for testing. Assembly and finishing tasks.
- 2012-2014
(1 month) **Seasonal worker.**
City Halls of Martigues and Fos-sur-Mer (southeast of France)

Languages

French : Native language
English : Advanced, B2 level (CEFR), BULATS score: 69/100 (2014).
German : Beginner, A2 level (CEFR).

Additional

Unitec: robotics team at the UTBM, national French robotics contest participation (2015).
IT: Internet, Open software, new technologies, networks and telecommunications.
WWOOFing (Japan, 2016): participation in agricultural work, discovery of Japanese culture.
Geocaching.