

Sébastien BLIN

Computer Science Student (Engineering and Master Sciences)

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Objectives

I want to work with a community of makers to put my development skills to work building a better world.

Education

- 2016 – **Université du Québec À Chicoutimi (UQAC)**, *Master Sciences*.
Aujourd'hui
- 2014-Current **École Supérieure d'Ingénieurs de Rennes (University of Rennes 1, France)**, *Master's Degree in Engineering (Computer Sciences)*.
- 2015 **MOOC - Coursera.org**, *Machine Learning Certification*, Instructor: Andrew Ng.
- 2012 – 2014 **University of Rennes 1**, *Bachelor's Degree 2 in Engineering*.

Work Experience

- 2016 **Developer (2 mois 1/2)**, *Haapie*, Rennes, France.
Objectives : Develop the software part of a audio-acquisition card (a prototype).
Skills : STM32 environment, implement a sound localization algorithm on a linux environment (PC, Raspberry and Beagleboard) and a STM32 card, SPI protocol, C, C++14, Python
- 2015 **Developer (3 Month)**, *Télécom Bretagne*, Rennes, France.
Objectives: Improve the Wi6Labs shield for the LoRa Fabian project.
Skills: IEEE 802.15.4, CoAP, Contiki operating system, C programming, Java Persistence API and MAVEN.
- 2013 **Webmaster (1 Month)**, *Maintenance Informatique à Domicile*, Rennes, France.
Objectives: Design and develop the website of the company (<http://mid-rennes.fr/>).
Skills: server management, SEO, webdesign, web development.

Some projects

- 2016 **Temporal scheduling based on Docker (Swarm)** Develop Docker-Swarm to take into account some dependancies between containers to realize a video-encoding system based on a Raspberry-pi cluster
- 2014 **Personal project** - Built a robot arm which can interact with the user (voice recognition and computer vision) with a distributed architecture (C++ with Qt for the client application. JAVA on smartphone. And C++ for the server on a beaglebone).

Languages

- French Mother tongue.
English CLES and TOEIC (915)
German Basic knowledge.
Spanish Basic knowledge.

Leisure Activities

Active members of some Free software projects (Zeste de Savoir (Coding), Mozilla (Coding, translation, testing, events), Hackerspaces, Fablab, etc).

References

- Laurent TOUTAIN Dr at TELECOM Bretagne, assistant Professor (Maître de conférences), co-author of the IPv4/IPv6 transition. TELECOM Bretagne, Rennes, France.
- Miklos ZOLTAN assistant professor (Maître de conférences) at Université de Rennes 1.