Robin Thoni

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Graduated Computer Science student.
C, C++, low-level programming lover.

Cursus

2012 – 2017 **Computer Science Student**, *EPITA*, French Engineering School.

2016 – 2017 **International IT Master**, *UQAC*, Canadian University.

Experiences

Professional

2017 **Final Internship**, *NVIDIA*, Improvements on cuda-memcheck.

2014 – 2016 **School's Laboratory**, *3IE*, EPITA's Innovation Laboratory. Multiple team projects for big companies.

2013 **Summer Job**, *EBRC*, Data Center in Luxembourg. Made some tools to increase Client Care Center team productivity.

Personal

2015 – 2016 **HID USB Device**, Made some fake mouse and keyboard controlled over Bluetooth or with predefined sequences using Arduino devices.

2015 **Smartcard reader/emulator**, Read, write and MITM smartcards using Arduino devices.

2016 **Docker**, Docker containers using docker-compose: complete mail server stack, Roundcube webmail, DNS server, ASP.NET Core.

2016 **BladeRF**, Multiple 'hacks' using BladeRF: GSM network emulation, aircraft tracker, GPS fake signal.

2016 **Parallel Programming**, School's projects using pthreads and OpenMP.

2014 **42sh**, An implementation of a POSIX shell in C.

2014 **myHTTPd**, A HTTP server with non-blocking asynchronous I/O. This project addresses the C10K problem.

2016 **Camotion**, An API, a web frontend, a backend and an Android application for remote CCTV.

Skills

Languages	C, C++, C#, Java, Bash, PostgreSQL, Python
Frameworks	ASP.NET Core, Qt, AngularJS, Android SDK
Others Skills	Arduino, Docker, Server Administration

Miscellaneous

Organization

2012 – 2016 **Prologin Contest Organizer**, French national programming contest, sponsored by Google `prologin.org`.

Languages

French	Native.
English	TOEIC 910.