

# 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

2018 2021 **Software Engineer**, NVIDIA, CUDA devtools team.  
2017 **Final Internship**, NVIDIA, Improvements on cuda-memcheck.  
2014 2016 **School's Laboratory**, 3IE, EPITA's Innovation Laboratory. Multiple team projects for big companies.

### 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.  
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.