

Julien Masson

27 August 1990

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Education

Engineering School

ESEO - Electronics/Informatics

Sept 2008 – June 2014

Angers, France

MSc Robotics

Univeristy of Plymouth

Sept 2012 – Sept 2013

Plymouth, England

A Level of Sciences

Sacre Coeur

Sept 2005 – June 208

Angers, France

Languages

French

Native

English

Full professional

German

Elementary

Personnality

Friendly

Open-Minded

Hard-Worker

Autonomous

Curious

Creative

Programming

C

Bash

Git

C++

Lisp

Perl

Python

Embedded System Engineer

EXPERIENCE

Linux Developer

Intel

August 2014 – Ongoing

Toulouse, France

I have been working during 2 years at Intel on android platform, collaborating with people in USA, India, China and Europe. I worked mainly on smart watches like Fossil Q Founder and Tag Heuer Connected but also on Google Smart TV, Intel's phone ...

- Technical specialist of these subjects in the team:
 - ➔ Power up/down process
 - ➔ Provisioning and systems update
 - ➔ Flashing and boot process
- Developer/Maintainer of this software components:
 - ➔ Bootloader and some Intel firmware
 - ➔ Recovery OS, Provisioning OS, Manufacturing OS (Android linux)
- Support for manufacturing in Malaysia (2 bring-up of one month)



Project environment:

Software tools:

Technical skills:

✓ Confluence

✓ Emacs

✓ Low-level programming

✓ Jira

✓ Lauterbach

✓ Kernel and system programming

✓ Jenkins

✓ GDB

✓ Compilation

✓ Gerrit

✓ Strace, Ftrace

✓ Debugging and tracing

✓ TeamForge

✓ Valgrind

✓ Automation scripts

✓ Android

✓ DebugFs

Programming languages used:

C

C++

Bash

Python

Lisp

Perl

asm x86

End of studies Internship

OpenWide

March 2014 – August 2014

Toulouse, France

My subject was to develop a system for home automation based on the 6LoWPAN network. Firstly I did state of the art of this technology, build a prototype and develop all software. Finally all my work was integrated in advanced home automation system called Calaos.

Project environment:

Software tools:

Technical skills:

✓ Yocto

✓ Emacs

✓ Microcontroller programming

✓ Contiki OS

✓ Wireshark

✓ System programming

✓ Github

✓ GDB

✓ Cross-compilation

✓ EFL

✓ Network

Programming languages used:

C

C++

Bash

Lisp

MISCELLANEOUS

Cycling

- ➔ 20 Km per day to go to work

Traveling

- ➔ Europe: Germany, Spain, England ...
- ➔ Asia: Japan, Malaysia, Thailand ...

Basket-Ball

- ➔ Guard player for 10 years
- ➔ Official referee for 3 years

Linux

- ➔ Follow news (lwn.net)
- ➔ Participate to conference
- ➔ Writing personnal software

Associative

- ➔ Robotics club (2 years)
- ➔ Communication School Gala (1 year)