Julien Masson

27 August 1990



Toulouse, France



 $+33\ 0682954063$



julien masson 49



massonju.eseo@gmail.com

Education –

Engineering School

ESEO - Electronics/Informatics

♦ Angers, France

MSc Robotics

Univeristy of Plymouth

Sept 2012 - Sept 2013

Plymouth, England

A Level of Sciences

Sacre Coeur

M Sept 2005 - June 208

♀ Angers, France

Languages -

French

Native

English

Full professional

German

Elementary

Personnality -

Friendly | Open-Minded

Hard-Worker

Autonomous

Curious

Creative

Programming —

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Bash Git

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C++

Lisp

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Perl

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Python

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Embedded System Engineer

EXPERIENCE

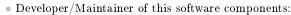
Linux Developer August 2014 - Ongoing

Intel

♥ 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



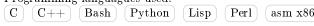
- → Bootloader and some Intel firmware
- → Recovery OS, Provisioning OS, Manufacturing OS (Android linux)
- Support for manufacturing in Malaysia (2 bring-up of one month)

Project environment:

- ✓ Confluence
- **✓** Jira
- ✓ Jenkins
- **✓** Gerrit ✓ TeamForge
- ✓ Android

- Software tools:
- ✓ Emacs ✓ Lauterbach
- **✓** GDB
- ✓ Strace, Ftrace
- ✓ Valgrind
- ✓ DebugFs
- Technical skills:
- ✓ Low-level programming
- ✓ Kernel and system programming
- ✓ Compilation
- ✓ Debugging and tracing
- ✓ Automation scripts

Programming languagues used:



End of studies Internship

March 2014 - August 2014

OpenWide

♀ 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:

- ✓ Yocto
- ✓ Contiki OS
- ✓ Github
- ✓ EFL

- Software tools:
- ✓ Emacs
- **✓** GDB
- ✓ Wireshark
- Technical skills: ✓ Microcontroller programming
- ✓ System programming
- ✓ Cross-compilation
- ✓ Network

Programming languagues used: (C)(C++)(Bash)

MISCELLANEOUS

3 Cycling

→ 20 Km per day to go to work

▲ Traveling

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

ℜ 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)