Julien Masson

- 27 August 1990
- Toulouse, France
- +33 0682954063
- julien_masson_49
- massonju.eseo@gmail.com

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

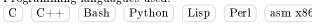- August 2014 – Ongoing   Toulouse, France

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 languagues 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 the 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 languagues 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)