



# Julien Masson



27 August 1990



France



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julien-masson

## Education

Engineering School

ESEO

Sept 2008 – June 2014

MSc Robotics

University of Plymouth

Sept 2012 – Sept 2013

A Level of Sciences

Sacre Coeur

Sept 2005 – June 2008

## Languages

French Native

English Full professional

German Elementary

## Skills

C

Bash

Git

C++

Lisp

Perl

Python

Latex

# Embedded System Engineer

Looking for a job in Taiwan

## EXPERIENCE

### Linux Developer

Intel

August 2014 – Ongoing

Toulouse, France

Development of new Intel devices based on android platform.

- 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:

- ✓ 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 languages used:

C C++ Bash Python Lisp Perl asm x86

### End of studies Internship

OpenWide

March 2014 – August 2014

Toulouse, France

Development of 6LoWPAN system for home automation solutions.

Project environment:

- ✓ Yocto
- ✓ Contiki OS
- ✓ Github

Software tools:

- ✓ Emacs
- ✓ Wireshark
- ✓ GDB

Technical skills:

- ✓ Microcontroller programming
- ✓ system programming
- ✓ Cross-compilation

Programming languages used:

C C++ Bash Lisp

## ACTIVITIES

☺ Gym, Running, Cycling

🏀 Basket-Ball:

- Guard player for 10 years
- Official referee for 3 years
- Follow NBA actuality

➤ Writing Windows Manager running on Linux

⚙️ Member in robotics club during 2 years