



117 rue de la République
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France

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23 years old

Languages

English

Advanced level (TOEIC: 920 pts)

Spanish

Baccalaureat level

German

Basic

Engineering

Mechanics

Design of Systems

Resistance of the materials

Digital methods

Automatics

Servo-systems

Robotics

Computer Vision

Computer Skills

CAD

CATIA V5, SolidWorks, ADAMS

Programming

C/C++, Python, Matlab/Simulink,

LabView, Maple, OpenCV, Qt

Embedded: GNU/Linux, ROS,

Arduino, AVR, PIC, ARM

Web Development

HTML5, CSS3, PHP, MySQL

Office Automation Programs

Word, Excel (Visual Basic),

PowerPoint, Access, Project, \LaTeX

Image Editing

Photoshop, Lightroom, Illustrator,

Gimp, Inkscape, FinalCut Pro X

Sports

Cycling, road & MTB

Running

Hobbies

Robotics

Electronics

Mechanics

Gardening / Farming

Photography

First level diploma in aeronautics

Travels

Malaysia, Singapore, Togo

InterRail 2014 : Amsterdam,

Berlin, Prague, Vienna, Geneva

Romain REIGNIER

Mechatronics & Robotics Engineer

Education

2012 – 2015, SUPMÉCA Engineering School – *La Garde, PACA*

Institut Supérieur de Mécanique de Paris (ex CESTI)

A selective Mechanical Engineering school,

Major in **Robotics and Mecatronics Systems**.

2014 – 2015, University of Toulon – *La Garde, PACA*

Master of Sciences in Physics and Engineering Sciences,

Specialization in **Vision and Control**.

2009 – 2012, CPGE Victor Hugo – *Caen, Normandy*

Physics Sciences of Engineer (PSI).

Highly selective classes to prepare for the competitive exams to the Grandes Ecoles.

Experience

March 2015 – August 2015, CEA – *Marcoule, Languedoc-Rousillon*

Engineer internship.

Implementation of ROS and the Gazebo simulator on a hexapod robot. Development of a new gait for uneven terrain to be used in nuclear dismantling.

September 2013 – January 2014, R&D CLAAS Tractor – *Vélizy, Île-de-France*

Assistant engineer internship.

Work with the HVAC expert on the project to improve the AC in the cabin of the high end tractors. Analysis of data from simulations and tests then design optimizations.

January 2013, DCNS – *Cherbourg, Normandy*

Operator internship.

Work with numerical machine tools in the construction workshop of French nuclear submarines.

2006 – 2012

Various jobs: Deauville International Polo Club, EPR construction site for Électricité de France, appliances maintenance, machining operations, farming.

Projects & Associations

3rd year project Design study of a mobile manipulator robot for nuclear sanitation in partnership with the CEA.

Sensors implementation in a vacuum cleaner to monitor the energy consumption on an Android app via Bluetooth Low Energy for the LISSMA laboratory.

2nd year project Upgrade of a pneumatic PLC installation. Mechanics and Grafset & Ladder programming.

Robotics club of Supmeca Conception, making and programming of robots for French Robotics Cup (Eurobot) 2013, 2014 and 2015.

Supwave Supervisor of the electronics in an autonomous sailboat.

Aerocorp Manager for the electronics of a radio-controlled model aircraft.

Supmeca Sans Frontières Humanitarian association which has the aim of bringing water to a Togolese orphanage.

Scouts et Guides de France Boyscout for 8 years. Chief on a summer camp in 2012 and Humanitarian project in Togo in August 2013.