



Le Genestel
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France

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23 years old

Driving License

Engineering

Design of Systems

CAD & CAM

Resistance of the materials

Electronics

Digital methods

Automatics

Robotics

Computer Vision

Computer Skills

Programming

C, C++, Python, Matlab,

Simulink, LabView, Java,

OpenCV, Qt, Git

Embedded

Robot Operating System (ROS),

GNU/Linux (Kernel driver, Yocto,

Buildroot), Arduino, AVR, dsPIC,

ARM, mbed

CAD

CATIA V5, SolidWorks, ADAMS

Web Development

HTML5, CSS3, PHP, MySQL

Office Automation Programs

Word, Excel (Visual Basic),

PowerPoint, Access, Project, \LaTeX

Languages

English: Advanced level

(TOEIC: 920 pts)

Spanish: Baccalaureat level

German: Basic

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 Supméca Engineer

Experience

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

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

October 2014 – February 2015 Supméca – La Garde, PACA

3rd year projects:

– 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 LE for the LISSMA laboratory.

April 2014 – June 2015 Supméca – La Garde, PACA

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

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 tractors. Analysis of data from simulations and tests, design optimizations then prepare industrialization.

January 2013, DCNS – Cherbourg, Normandy

Operator internship: Work with numerical machine tools (milling, boring machines and lathe) 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

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.

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

Highly selective classes to prepare for the competitive exams to the Grandes Ecoles. Physics and Sciences of Engineer.