

# Project manager

## International - Industry - Double diploma

Thibault de URTASUN

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French - Driving licence

## Work experience

- Since Jan. 2013 (2 yrs.)
- Safran Engineering Services - Aeronautics** - Châteaufort, FR.  
HARDWARE / SOFTWARE ENGINEER
- Bombardier** (8 months - until now) - Lead the technical analysis and coordinate the test team to certify a control breaker panel of Cseries airplane (norm DO254 DAL C FPGA).
  - Labinal Power System UK** (3 months abroad) - Verified a communication core of the helicopter CH53K (norm DO254 DAL B FPGA). I improved the progress monitoring by identifying complexity indicators.
  - Messier-Bugatti-Dowty** (2 weeks) - Developed urgently drivers for an embedded microcontroller MPC5555 using Simulink.
  - SAGEM** (9 months) - Conceived a mathematical treatment FPGA for an actuator controller of the A400M.
  - R & T** - Improvement of design and verification standards.  
Automation software design using C++/Qt and Excel VBA.
- MANAGER
- SNECMA** (3 months) - Work package owner - Captured the requirements and selected the subcontractors for the renovation of test benches of motors LEAP and Silvercrest.
  - R & T** - Project leader - Managed the conception of a FPGA automatic verifier developed by an intern.
- 2012 (6 mths.)
- Shanghai JiaoTong university - Finance** - Shanghai, CHINA  
Internship in laboratory - Designed a FPGA-based accelerator for high-frequency market data with performance 5% above the competition.
- 2011 (2 mths.)
- Airbus Defence and Space** (former EADS Astrium) - Toulouse, FR.  
Extra internship - Demonstrated the technological feasibility of a LED-based test system for solar panels of satellites.
- 2011 (4 mths.)
- Yaslamen Technology (start-up) - Automobile** - Gardanne, FR.  
Internship - Developed a smart battery management system for electrical car.

## Education

- Pro.** - DO254, export control, project management, elec. habilitation
- 2012 **Ecole des Mines de Saint-Etienne** - Gardanne, FRANCE  
15th "Grande école" at national level.  
Master in Micro-electronics and computer science - Special distinction
- 2012 **Aix-Marseille University** - Marseille, FRANCE  
Master in Nano-electronics - With honours
- 2009 **Saliège** - preparatory classes, Physics & chemistry - Balma, FR



## Skills

### Methodology

DO254,  
V cycle & Scrum,  
Lean / 6-sigma

### Computer science

Windows & Linux  
Excel (VBA)  
C, C++, LabVIEW  
VHDL & Verilog  
DOORS, SVN  
Buses CAN, SPI, APB,  
I2C, Ethernet

### Tools/CAO

ISE design suite,  
Libero, Quartus 2,  
ModelSim  
Proteus, PSpice  
Virtuoso,  
MPLab, MatLab,  
µVision, Simulink  
Comsol, Autocad

## Languages

**French** (native)

**English** (C1)

TOEIC 865

9 months abroad

**Spanish** (B2)

Intermediary

Regular trips

**Chinese** (A2)

Advanced beginner

6 months in China

## Interests

Scrum master:

Video game design

6 mths, 4 team mates

President of "Forum

Entreprises ISMIN 2011"

Student association

12 k€, 30 enterprises,

300 participants