

Dimitri PIRON



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Relevant experiences

04/2018 to 04/2019

Hydraulic Engineer at Punch Powertrain, Sint-Truiden, Belgium

Design of hydraulic actuation systems, DVP and RVP management, issue solving (8D), data mining

09/2016 to 04/2018

Hydraulic Test Engineer at Punch Powertrain, Sint-Truiden, Belgium

Test Engineer specialised in Hydraulic domain: integration of tests, instrumentation, data processing

10/2015 to 12/2015

Engineer student job at Macq, Brussels, Belgium

Development and documentation within the hardware engineer team.

07/2015 to 10/2015

Full-time internship at Macq, Brussels, Belgium

Developing a complete test system to guarantee the proper production of every new security cards installed in the two nuclear power plants Doel 3 and Doel 4.

Education

Université Libre de Bruxelles &
Vrije Universiteit Brussel
2014 – 2016

Master of Science in Electromechanical Engineering, Option Mechatronics – Mechanical constructions (BRUFACE program) – *Magna cum laude*

- Master Thesis subject: Non-contact micromanipulation using thermocapillary convection – Development and implementation of a new control strategy (*followed by publication*)
- MA1 project: Project manager of a group of BA1 to assist them in the realisation of their first year project.

Université Libre de Bruxelles
2010 – 2014

Bachelor of Science in Electromechanical Engineering

- BA2 project: Design and build of a Lego robot which orients itself on a table in order to serve coffee and presentation at the “Printemps des Sciences”.
- BA1 project: Design and build of a hot air balloon which stops itself at eight meters to take pictures. Winning team of the most original balloon.

Saint-Dominique High School
2003 – 2010

High School Diploma – Option Mathematics - Sciences

Skills

Languages

French: Native

English: Full professional proficiency

Dutch: High school level

Computer

Matlab/Simulink, LabVIEW, C/C++, Catia V5, Altium, Microsoft office

Other

Driving license B

Interests

Swimming, science fiction novels, travels, cinema, MOOC, tennis.