



## Personal information

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Date of Birth: January 9<sup>th</sup>, 1991  
Nationality: Belgian  
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Driving license B

## Education

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**2015 | Master's degree in Mechanical Engineering** – good

University of Mons, Faculté Polytechnique de Mons (FPMs)

Specialized in: Energy and Power systems, CFD & Aerodynamics

Elective courses: Project management, Team building, Stimulating creativity

Master Thesis: *Development of a simplified numerical method for the transonic flow prediction in multistage axial compressors.* – in collaboration with CENAERO (Belgium)

Projects: • *Thermodynamic study of Air Cycle Machine using a turbocharger in wet conditions.*  
– in collaboration with LEBRUN S.A. (Belgium)

- *Design of a hydraulic roof support for longwall mining systems.*
- *Ignition timing optimization of an internal combustion engine.*
- *Aerothermodynamics study of a transonic flow in a turbine stator.*

## Experience

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**March 2016 (current) | R&D Engineer at H&O Equipments** (Ath, Belgium) – Medical devices

- *Design and development (New devices, design changes, line extension)*
- *IT tool development (Excel+VBA)*
- *Automation process follow-up*
- *Production improvement (process, tooling, quality, control)*
- *Other activities: Quality control, Technical File, Production follow-up, Risk management, Supplier prospecting, IT management*

**July 2013 | Internship** (Student Engineer) at **Hamon D'Hondt** (France) – Process Heat Exchanger

- *Software verification and validation, Post-processing tool*

## Skills

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<b>Languages</b>	French.....Mother tongue English.....Fluent (Working knowledge +) German/Dutch.....Beginner level
<b>CompSci</b>	Microsoft Office: Word, Excel(+VBA), PowerPoint, Visio CAD: SolidWorks (very good) CAE: ABAQUS MATLAB, C/C++ (Visual C++, Code::Blocks), FORTRAN DesignCAD, Inkscape

## Hobbies & Interest

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**Sports** | cycling, swimming, football, squash.

2012-2014: Assistant manager of the university football team

**Music & Theatre** | choir, orchestra, musical comedy.

Motorsport, Automobile, Aerodynamics, Cycling, Board games and Video games.