

Pierre JAUNIAUX

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Date of birth: 20th August 1983

Nationality: Belgian / French

Driving licence B

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Degree in Aeronautical Engineering (SUPAERO + ULB)

Educational background

- 2005 - 2007** **Dual Diplomas** with the T.I.M.E. (Top Industrial Manager for Europe) convention between the *Ecole Nationale Supérieure de l'Aéronautique et de l'Espace* (Supaero, Toulouse, France) and the *Université Libre de Bruxelles* (U.L.B. Brussels, Belgium)
2006-2007: 3rd year of Engineering at SUPAERO
 Option: Systems Energetic – Propulsion, Aerodynamics
2005-2006: 2nd year of Engineering at SUPAERO
- 2001 – 2005** **Faculté Polytechnique de l'Université Libre de Bruxelles**
First two years of the **Civil Engineering** degree :
- Major: **Mechanical Engineering**
 - Result: Distinction (average higher than 14/20)
- General training in electricity, electronics, programming, automation and a specialization in mechanics (structures, finite elements, aerodynamics, dynamics of articulated systems, atmospheric engines, turbomachines)

Experience and studies

- 2006 – 2007** **Long Project**: Study of the GE-90 Aircraft Engine
- 2005 – 2006** - **Dissertation Topic** : « *Amélioration de la restitution des efforts aérodynamiques sur maquette en mouvement sur une suspension par câbles* » (« *Improvement of the restitution of aerodynamics forces on a moving model suspended with cables* ») – Realized in the *Office National d'Etudes et Recherches Aérospatiales* (O.N.E.R.A.)
- **Experimental work** : automatic yaw control of a four-engined drone
 - French semi-finals of the *Euromanager* contest. Team sponsored by Safran.
- 2004-2005** - **Long Project**: Design of a piezoelectric weight scale.
- **Long Project** : Creation of a finite elements software (TRIM3 + REM8)
 - Participation in the *Euromanager* contest. Team sponsored by Altran.
- July 2002** Summer job at Solvay : **creation of the intranet** of the *Specialty Polymers Department* and **update of the website**.
- August 2001** Summer job at Solvay : update of *Solvin*'s laboratory procedures and **creation of the website** : <http://www.ixan-diofan.com>

Languages

French	Mother Tongue		
English	Fluent – 2 years stay in Houston, USA – TOEFL Score: 623		
Dutch	Basic knowledge	Spanish	Basic knowledge

Computer Skills

Programming	PHP, MySQL, HTML, Java, C/C++
Softwares	Matlab, Simulink, Fluent, ICEM, CATIA V5, Solidworks (notions), Samcef (notions), LabView (notions), Latex, PSpice, Office, Photoshop

Other activities

Music	Clarinet (9 years), piano (8 years), musical theory (5 years)
Sport	Tennis, jogging, cycling, mountain trekking, canyoning, snowboarding
Other	Nature, photography, R/C models, music