

SEBASTIEN ROBINET



Sebastien ROBINET
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Nationality: French

EDUCATION & QUALIFICATIONS

- 2005-2008 Fourth year student at **IPSA** (Institut Polytechnique des Sciences Avancées), an **Aeronautical and Aerospace Engineering School in Paris**, within a five-year program equivalent to MSc. Graduation: 2010. Areas of Study: Materials, Control Engineering, Aerodynamics...
- 2005 Baccalaureat Scientifique (Scientific Secondary School Diploma), option: Sciences for engineers.

INDUSTRIAL PLACEMENTS & PROFESSIONAL EXPERIENCES

- Aug-Sept 2008 **ONERA**, the French aerospace lab, "Composite Materials & Structures Department", Chatillon. **Participation in research works on carbon fiber materials' permeability to resin, for aerospace process (Resin Transfer Moulding).**
- July 2008 **Thales Avionics**, "Avionics and Command Systems" division, Meudon, France **Mechanic check and control on electronic test benches of calculators for A380, A340, NH-90, Tigre...** Familiarization with industrial logistics.
- July 2007 **SNECMA**, manufacturer of aircraft and spacecraft engines, Evry-Corbeil, France. **Controlled, prepared and assembled compressor's blades before laser-solder** for A320, B737, B777 and Rafale fighter; Getting used to with many other industrial high technologies.
- August 2004 **MBDA**, world-leading missile systems company, Velizy, France. **Developed an Access's data base, in "Air-to-Ground & Helicopter" department.**
- IONIS TUTORING**, Private tutoring company in Paris area.
English, Mathematics and Physics lessons to High-School students.

KEY SKILLS & ATTRIBUTES

- Languages** French: native speaker
English: advanced level, TOEIC: 800, one month road trip through Scotland
German: intermediate level, several visits to Germany
- Literacy** **CATIA V5** (CAD Modeling), **NASTRAN** (structure analysis with finite elements), **MATLAB**, **SIMULINK**, **FLUENT-GAMBIT** (computational fluid dynamics), **VISUAL STUDIO** (C/C++).
- Teamwork** Thanks to my several experiences and my membership of a basket ball team and many associations, I learnt teamwork and how to reach objectives and always remain efficient.
- Flexibility & Adaptability** I had the opportunity to travel widely during several weeks (Germany, Scotland...) and in England and Russia too, where I learnt how to adapt to different cultures.
- Other interests**
Member of the **Royal Aeronautical Society** (RAeS) and the **Mars Society**, amateur astronomer.

Third laureate of the USAIRE Student Award 2008 (USAIRE: Association of United States and European Aerospace Industry Representatives). "What will be the energy and environmental context for the aerospace and defense industry in 2030? What will be the consequences on our industry's ambitions for innovation and competitiveness?"