

PERSONAL INFORMATION

Adrián Barcia González



 Avenida America 4, 8º B, 28028 Madrid (Spain)

 adrian.brog@gmail.com

Sex Male | Date of birth 10/03/1987 | Nationality Spanish

POSITION

Mechanical and Stress Engineer

WORK EXPERIENCE

06/2013–Present

Stress Engineer

Atos S.A.E., Hamburg (Germany)

Airbus A350XWB-1000 S16-18 Integration Project structural analysis and calculation of primary structure (metal and composite):

- PAX-Cross Beam to Frame joints
- Longitudinal joints between Upper, Lower and Side Shell fuselage
- Frame Couplings between Upper, Lower and Side Shell frames
- PAX-Struts to Frame joints

Business or sector Aviation & Aerospace

05/2012–06/2013

Stress Engineer

Atos S.A.E., Madrid (Spain)

Airbus A350XWB-1000 S19 Rear Fuselage structural analysis and calculation of primary structure (metal and composite):

- A350XWB-900 RTM Frames weight saving
- A350XWB-1000 RTM Frames pre-sizing & documentation
- Strain sensitivity study of Cut-Out surroundings and the effect of different splice solutions
- Structure analysis, sizing and justification documentation for Forged metallic frames- GFEM checking and modification

Business or sector Aviation & Aerospace

09/2011–05/2012

Mechanical Simulation Engineer

Gamesa Technology Corporation, Sarriñena-Pamplona (Spain)

Study on alternatives for the advanced Analytical calculation of welded joints through FEM and its application to windturbines. Dpt. of Mechanical Simulation.

Business or sector Renewable Energy: WindTurbines

02/2011–08/2011

Energy Consultant Intern

CEIT - Central European Institute of Technology, Schwechat (Austria)

Research, development and elaboration of reports on the field of new technologies and renewable energies.

Business or sector Research & Development

EDUCATION AND TRAINING

09/2005–09/2011

MSc Industrial Engineering (Mechanical)

Universidad Pública de Navarra

- Domain of the scientific method, with special capabilities for analysis and synthesis

- Ability to design and maintain products, processes and facilities

- Principles of leadership and management, as well as organizing and planning work

09/2008–06/2009

International Student at University of Vermont

University of Vermont

Mechanical Engineering (ISEP USA Scholarship)

PERSONAL SKILLS

Mother tongue(s)

Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	B1
German	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

[Common European Framework of Reference for Languages](http://www.european-council.europa.eu/media/40207/EN/CEFR%202018.pdf)

Communication skills

- Teamwork player

- Great motivation for self-improvement

Organisational / managerial skills

- Effective communication

- Willing to relocate abroad

Computer skills

Nastran/Patran, HyperMesh, ABAQUS, CATIA V5, VBA, ISAMI, Python, AutoCAD, Matlab, Mathematica

Other skills

Certificate of Proficiency in English (CPE) by the Cambridge University.

Driving licence

A1, B