Nicolás Fernández

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Education

2010–2014	**Bachelor's Degree in Aerospace Engineering** , *Universidad Europea de Madrid*, Madrid, Spain. This degree is taught completely in English
2005–2007	**Certification as an Aircraft Maintenance Technician**, *CITHE*.Centro de instrucción técnica de Helicópteros. Madrid. Spain. Centro 147 recognized by civil aviation.

Academic research experience

September 2011 -Dicember 2011	**Aerodynamics design of a glider :** Using XFLR5
February 2012 -May 2012	**Fluids mechanic:** Different simulations of fluid flows, based on CFD method, working with softwares: Fluent, and Gambit to build the geometry and mesh.
January 2013 -April 2013	**Aircraft structural analysis:** Using Patran/Nastran
April 2013 -Junne 2013	**Aerodynamics and Aeroelasticity analisis:** A detailed study of the aerodynamic behaviour, versus different freestream parameters: speed,temperature, pressure and density, of an Onera M6 wing. Software used: SU2 (Stanford University Unstructured).
September 2013 -Dicember2013	**Aircrafts Design:** According with FAR 23 and FAR 25 requirements using CATIA V5 and Sketchup.

Profesional experience

January 2008 -March 2008	**Internship**, *Aircraft Maintenance Technician internship with Iberia in AZI in the H3* , Madrid-Barajas. Spain
April 2008	**Started working for IBERIA LINEAS AEREAS DE ESPAÑA SOCIEDAD ANONIMA OPERADORA as an Aircraft Maintenance Technician (TMA) based at AZI** , *based at AZI in float line maintenance for A340/A330/A319/A320/A321*, Madrid, Spain.

January 2009 -April 2010	**Maintenance based at NZI (La muñoza) H6 and H4 Military production working with the maintenance of the float A310 and B707 airplanes that belong to the Air Force** , Madrid, Spain.
April 2010 -May2012	**Maintenance work in the B1 category on the float A340-300 (CFM56) and A340-600 (RR TREND 500)** , Spain.
September 2012 -present	**Maintenance based at NZI (La Muñoza) revisions A, B, C1 , ect. on the group A330/A319/A320/A321.** , Spain.

Languages

Languaje	**Spanish**, *Native.*
Languaje	**English**, *Advance*, Written and Spoken.

Computer skills

Operative system	Linux, Unix, Windows
Office	MS OFFICE:Word, Excel, PowerPoint, Outlook
Analysis programming and design	Matlab,AutoCAD,CATIA V5,Sketchup,Ansys,Fluent, Patran,Nastran,XFLR5,Su2
Software support	SAP, Airnav, Alejandria

Interests

Team sports	I like all kinds of team sports.
Travelling	I love travelling around the world.
Driving licence	Own vehicle.

References

Teacher	**Jose Omar Martinez:joseomar.martinez@uem.es** .
Co-Worker	**Sandra Florensa Mayo: sflorensa@iberia.es** .