

PERSONAL INFORMATION

Mikel Ortigosa Mateo



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Sex Male | Date of Birth 18/03/1986

Nationality Spanish

JOB APPLIED AND BRIEF PERSONAL DESCRIPTION

Graduate in Master's Degree in Aeronautical and Aerospace Engineering determined to seek opportunities and develop a successful career. One year experience in Airbus.

WORK EXPERIENCE

(March 2013 - March 2014)

Airbus Operations

Internship in Airbus Operations Spain. Department of Engineering: Methods & Processes.

Performed tasks:

- Cutting tools Validation and qualification according AIPI normative: Study the delamination of CFRP during the drilling. Different CFRP configuration studies were performed to improve CFRP drilling performance: single carbon fiber layer, CFRP/CFRP stack and Al/CFRP stack. Direct contact with the drilling tool supplier to optimize the geometry of the tool and cutting conditions.
- Optimization of the automatic drilling and fastening process by statistical process control (statistical analysis; Six Sigma).
- LBIP (Leaner Business Improvement Projects) process knowledge.
- Tool design by Catia V5.
- Write Technical Specifications of the Machines and Automated systems required by the Assembly Process.
- Collaborate with Research & Technology department for develop new technology.
- Support to manufacturing activities at shop floor level.

EDUCATION AND TRAINING

(2012 - 2013)

University Courses in CEPADE (Polytechnic University of Madrid)

Management Control;

Management and Cost Accounting;

Financial Mathematics and their application in the financial markets;

Institutions, Economy and Politics in the European Union.

(2004 - 2013)

Master's Degree in Aeronautical and Aerospace Engineering

Polytechnic University of Madrid (UPM)

Specialty: Space crafts and missiles (A2)

Principal Subject covered: Fluid Mechanics, Aerodynamics, Flight Mechanics, Aeronautical Structures and Structural Analysis (FEM), Metallic Materials and Alloys for Aerospace, Composite Materials, Aircraft Conceptual and Structural Design, Helicopters, Jet Engines and Gas Turbines, Missiles, Business Management.

PERSONAL SKILLS

Mother tongue Spanish

Other Languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C1	C1	B2	B2	C1
Titles: First Certificate in English (March 2004)					
Basque	C1	C2	C2	C1	C1
Middle and High School in this language					

Communication Skills

- Good communication skills, thanks to have worked in improvement projects involving different departments.
- Ability to work in a team. Proof of this is having worked in multinational team in Airbus.

Computer Skills

- High office software knowledge. Specially in:
 - Capability to program macros in Visual Basic for Microsoft Excel. I have programmed several macros during my internship in Airbus.
 - Ability to manage project using Microsoft Project.
- CAD software: Catia V5 and Solid Edge (Both expert)
- FEM Programs: Patran/Nastran user level
- Programming: Visual Basic, Matlab, Easylanguage, C# and Fortran 90.
- Composite Software: ESAComp.
- Financial markets platforms: Tradestation, Ninjatrade and Interactive Brokers.

Other Abilities

- Financial markets knowledge.
- Enthusiast traveller. I have been to: France, Germany, Ireland, England, USA, Norway, Sweden, Finland, Latvia, Estonia, Lithuania, Denmark, Canada, Scotland, Austria, Slovenia, Slovakia, Czech Republic, Belgium, Portugal, Croatia and Bosnia-Herzegovina.
- Insatiable appetite for knowledge: I love reading any kind of books (technical, historical...)
- Perfectionist: my standards are high and when I care about something, I give more than the 100% effort.

Driving License B category (European car driving license)

ADDITIONAL INFORMATION

Master's Degree Final Project

Master's Degree Final Project (DFP) performed in Airbus

Title: Parameterization of key characteristics of drilling process by statistical systems.

Company: Airbus Operations S.L. Puerto Real, Spain

Mark: Distinction