

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name

GIL GARCÍA, JOSÉ MANUEL

Nationality

Spanish

Date of birth

22-APR-1981

Telephone

+34 686 909 170

E-Mail

jose.manuel@gilgarcia.net

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities
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MAY 2015-TODAY

INVENTIA KINETICS IN MADRID, SPAIN

Aerospace

Stress Engineer.

Sizing of Jig Tools [MS EXCEL AND WORD, VB MACROS, NASTRAN/PATRAN]

NOV 2014-MAY 2015

SPIRIT (CONTRACT) IN BELFAST, NORTH IRELAND

Aerospace

Stress Engineer in A350-1000slats.

Sizing of the ribs of the slats [MS EXCEL AND WORD, VB MACROS, PATRAN]

MARCH 2014-AUGUST 2015

SONACA (CONTRACT) IN BRUSSELS, BELGIUM

Aerospace

Stress Engineer in A330 slat 1.

Verification of new load loop due to new weight variant (WV 081). Loads post processing and analysis of the structure with the new load loop, reducing conservatism if necessary. [MS EXCEL AND WORD, VB MACROS, SONACA PROPRIETARY SOFTWARE]

SEPT 2013-JAN 2014

SABCA (contract) in Brussels, Belgium

Aerospace

Stress Engineer in A350-900 Flap supports.

Particular Risk Analysis (Wheel and Tire Failure), based in an empirical AGARD memo, of metallic structures. [MS EXCEL AND WORD, NASTRAN/PATRAN, VB MACROS]

JUNE 2012-JULY 2013

AYA on behalf of Airbus (Madrid, Spain)

Aerospace

Stress Engineer in Getafe checking A350-900 BF Stress Dossiers.

Checking Belly Fairing metallic and composite concessions, MLG-Door First Flight Stress Dossier and Interface Loads extraction and comparison against the old loop ones [MS EXCEL AND WORD, NASTRAN/PATRAN, VB MACROS]

APRIL 2012-MAY 2012

AYA on behalf of Aernnova in Hamble-le-Rice, UK

Aerospace

Stress Engineer in Hamble-Le-Rice checking A350-900 FTE stress data packs.

Receiving and auditing stress data packs from GE Aviation [MS EXCEL AND WORD,

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NASTRAN/PATRAN, VB MACROS]

JULY 2011-APRIL 2012

AYA on behalf of Aernnova in Madrid, Spain

Aerospace

Stress Focal Point for BLADE project (Full Scale Natural Laminar Flow Wing demonstrator). Calculation of spars, ribs and lower skin of the new concept wing.

Coordinating a stress engineers group, Focal Point between Airbus and Aernnova, coaching of interns. [MS EXCEL AND WORD, NASTRAN/PATRAN, VB MACROS, AIRBUS UK LEGACY TOOLS]

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AGO 2010-JULY 2011

Altran on behalf of Navantia in Madrid, Spain

Naval

Stress engineer

Modeling S80 submarine metallic foundations (system supports) with Patran, for 101, 103, 106 and 600 Nastran solutions, coaching of interns[MS POWERPOINT, NASTRAN/PATRAN, VB MACROS]

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MAY 2010-AGO 2010

Tekplus on behalf of Alestis in Getafe, Spain

Aerospace

Stress engineer and Focal Point

Modeling A350 Belly Fairing system supports with Patran, for 101, and 103 Nastran solutions [MS EXCEL AND WORD, NASTRAN/PATRAN, VB MACROS]

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DEC 2007-APR 2010

Aries Complex (Tres Cantos, Spain)

Aerospace

Stress engineer and Focal Point

Stress and Design focal point for A380 elevator and rudder SRM. Analyzing metallic and CFRP concessions and modifications for A380 elevator & rudder. Stress analysis support for A350 S.19 bidding. [MS EXCEL AND WORD, NASTRAN/PATRAN, AIRBUS SPAIN LEGACY TOOLS, VB MACROS]

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Nov 2006 - Dec 2007

TAM on behalf of Airbus in Getafe, Spain

Aerospace

Stress engineer

Stress engineer for A380 S.19 SRM Composite made structure. [MS EXCEL AND WORD, AIRBUS SPAIN LEGACY TOOLS, VB MACROS]

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Nov 2005 - Nov 2006

CT Ingenieros on behalf of MTAD in Getafe, Spain

Aerospace

Stress engineer

Stress engineer for A380 Belly Fairing certification (metallic frames and stringers). [MS EXCEL AND WORD, AIRBUS SPAIN LEGACY TOOLS, VB MACROS]

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APR 2005 - AGO 2005

Aircraft Components Maintenance System on Behalf of Air Europa, Spanair, Hola Airlines, Futura Airlines and other firms in Palma de Mallorca, Spain

Maintenance & Metrology

Maintenance head & ENAC Calibration laboratory head

Maintenance of DC-8-62/73, 737-400/800 and Cessna Caravan Nose and Main Landing Gear wheels, brakes, rafts, batteries, and Calibration of pressure gauges and torquimeters under ENAC normative. [MS EXCEL AND WORD, VB MACROS, CALIBRATION TOOLS AND GAUGES]

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational

Sept 1999 – Dec 2004

Universidad Politécnica de Madrid (UPM)

Aerospace

- skills covered
- Title of qualification awarded
 - Level in national classification (if appropriate)

Ingeniero Técnico Aeronáutico, especialidad Aeronaves (B. Sc. in Aeronautical Engineering specialized in Aircraft, by the Polytechnic University of Madrid (UPM).)

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

SPANISH

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

Excellent
Good
Good

FRENCH

- Reading skills
- Writing skills
- Verbal skills

Good
Basic
None

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Team coordination
Aeronautical communicator & writer ([Blogger](#), [podcaster](#) and lecturer)

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

Windows and MS-DOS advanced user
EADS-CASA legacy tools advanced user
ISAMI user
Nastran/patran
Excel & Word advanced user
Visual Basic for Excel, good level

OTHER SKILLS

AND COMPETENCES

Competences not mentioned above.

Micro Light Aircraft pilot (Spanish License)

ADDITIONAL INFORMATION

Additional Training in Unmanned Air Systems by UPM and Aircraft Certification by COITAE