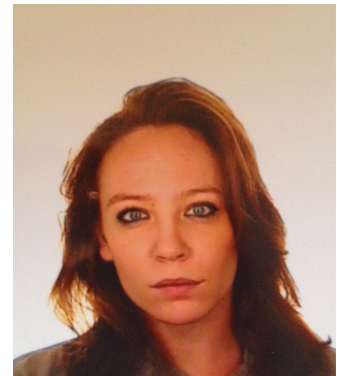


## PERSONAL DETAILS

**FULL NAME:** Carmen Barquilla Barquilla  
**Address:** Pizarro, 3, 28004, Madrid  
**Date of birth:** December 9<sup>th</sup> 1985  
**Contact:** +34 651 608 578  
carmen.barquilla@gmail.com



## EDUCATION AND TRAINING

- **Degree in Aeronautical Engineering.**  
Universidad Politécnica de Madrid.

### **Trainings**

#### **2012**

- **Catia V.5 R18 CT Formación (02/2012)**

Modules: Sketcher, Part Design, Assembly Design, Generative Shape Design, Drafting, Generative Sheet Metal Design, DMU Navigator, DMU Space Analysis, DMU kinematics.

- **PDMLINK SSCI DEF.PH. - DESIGNER/GL/MUI (09/2012)**
- **VPM A350 Design in context (09/2012)**
- **Stress and Fatigue Principles. José Luis Barrera. Aernnova Aerospace (11/2012)**

#### **2011**

- **Tricalc Seminary instructed by ARKTEC SA (11/2011)**

## CAREER DETAILS

- |  |   |
|--|---|
| • Dates (from– to)                     | <b>FROM 04/2013 – 10/2013</b>   |
| • Name and address of employer         | P3 Voith Aerospace  |
| • Occupation or position held          | <b>Aero Structures Design Engineer</b>  |
| • Main activities and responsibilities | Design Support to industrial machinery t3D models and Drawings<br>Elaboration of technical proposals for future projects. |

- Dates (from– to) **FROM 04/2012 – 04/2013**
- Name and address of employer P3 Voith Aerospace
- Occupation or position held **Design Engineer**
- Main activities and responsibilities
  - R&D Clean Sky. BLADE (Breakthrough Laminar Aircraft Demonstrator in Europe)
  - Client: **Aernnova Aerospace**
  - Position: Aerostructures. Design Team.
  - Main Tasks: Design of a Wing Tip and Torsion Box to improve laminarity and to adapt the solution to an A340-300 selected as a flight test vehicle. Four people Team. The project is right now in maturity C.
    - Wing Torsion Box 3D model and Drawings. Design of Ribs, Angle Ribs, Rib Posts Front Spar, Vent Tank. 3D model, Design Principles and Frontier Interface.
    - Tools: SyncroFIT, Catia V5R18 (Modules: Generative Shape Design and Mechanical Design), Visual Basic.
    - Creation of all related documentation (Preliminary Bill of Materials, Fasteners Bill of Materials...)

- Dates (from– to) **FROM 08/2011 – 04/2012**
- Name and address of employer P3 Ingenieros/P3 Voith Aerospace
- Occupation or position held **Training Period**
- Main activities and responsibilities
 

Training period in aerostructures design and Stress, and management of technical documentation for several proposals. Participation in some A380 stress tasks.

## LANGUAGES

- ❑ English (high read, write and conversation)
- ❑ French (intermediate read and write, basic conversation)
- ❑ Spanish (Mother language)

## COMPUTER SKILLS

- Operating Systems: MS-DOS, Windows 95-2008, Mac OS
- Microsoft Office
- Adobe Photoshop, Adobe Premiere, Abby Finereader, Camtasia Studio V.5,
- Autocad
- **CAD:** CATIA V5 (modules: Sketcher, Part Design, Assembly Design, Generative Shape Design, Drafting, Generative Sheet Metal Design, DMU Navigator, DMU Space Analysis, DMU kinematics).
- **PLM:** SyncroFIT.
- **A350 TOOLS:** PDMLINK SSCI DEF.PH. - DESIGNER/GL/MUI, VPM A350 Design in context
- VPM Design in Context
- PDMLink
- Visual Basic (Basic Level)

## FURTHER INFORMATION

- Driving license B
- Keen with languages and new skills and computer tools
- Availability to change my residence
- Proactively and good sense of humour
- Facility for dealing with multidisciplinary people and for learning.