

ÁLVARO CARBALLO GARCÍA

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Nationality:	Spanish	Date of birth:	28 February 1978

Education

Masters Degree in Law, University of Oviedo, Spain 1996-2002

- Subjects of interest: Corporate law, taxation, International law, European law.
- Exchange student at Westfälische Wilhelms-Universität of Münster, Germany (1999-2000).

Bachelors Degree in Mechanical Engineering, University of Oviedo, Spain 2002-2005

- Industrial Engineering (Department in Gijón).
- Specialisation: Machine design.
- Subjects of interest: Thermodynamics, structural mechanics, mechanical design.
- Ranked within top 2% in a class of 300.

Work Experience

Reaction Engineering Solutions Ltd., United Kingdom, trainee/simulation engineer 2006-2008

1. Awarded with an EU grant (Becas Argo) to work as a Trainee Simulation Engineer
2. Close collaboration with the University of Cambridge (COMO group, headed by Dr. Kraft).
3. Heterogeneous work (small-size company). Main tasks:
 - Simulation engineer - GT-Power.
 - In-house model developer - Stochastic Reactor Model (SRM).
 - IT - Seamless coupling between GT-Power & the SRM.
 - Soot (PM) - Innovative post-processor (Carballo model).
 - Marketing - Corporate image (webpage, logos, templates, etc.).
 - Legal - Contract writing, specific legal assessment, etc.

Additional work experience

MKD GmbH, Germany, Postal delivery manager 1999-2000

Various restaurants related jobs, Spain 2004-2005

Additional skills

Computational

- Operating systems: all Windows OS.
- Software:
 - Graphics programs: Microsoft Office, Latex, Adobe utilities, etc.
 - Technical programs: CYPE, MATLAB, Mathematica, AutoCAD, etc.
 - Engine simulation tools: GT-Suite, Lib973 (Caterpillar), SRM, etc.
- Programming languages: FORTRAN 77/90, C++, Visual Basic, html, etc.

Languages

- English (fluent).
- Spanish (fluent).
- German (basic).