

Jesús Menéndez Amigo

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Education.

PhD candidate in Civil Engineering. Edinburgh Napier University, UK. Optimisation of a close timber frame panel for PassivHaus standards. 2010 -...

MSc Timber Engineering. Napier University, Edinburgh, UK. Timber structures as dwellings, bridges or sheds and timber materials. Dissertation in the University of Canterbury, New Zealand. 2008 – 2010.

MSc Forestry Civil Engineering. Universitat de Lleida, Spain. Erasmus student at Eesti Maaülikool, Estonia. Forestry Civil Engineering and Wood Engineering. 2004 – 2006.

BEng Rural Engineering. Universidad de Burgos, Spain. Agronomy Civil Engineering and Agro-food industries design. 1999 – 2003.

Renewable Energies Postgraduate Diploma. Agricultural University of Lithuania, Kaunas, Lithuania. Renewable energy technologies. 2005.

Work Experience.

KTP Associate. I am working as researcher for the Edinburgh Napier University in close cooperation with RTC Timber Systems, Scotland. Improvements in the design, manufacture process, construction and implementation of the awarded PassiveWall™ system.

Timber Researcher. I worked as researcher for the University of Canterbury, New Zealand in the department of Civil and Natural Resources Engineering. Being part of the timber team, I was involved in a £5 Million project invested in the development of Multi-Storey timber buildings using post-tensioning joints. My main task was the design of a timber frame Hotel and its optimization in cost, erection time and constructibility. June 2009 - March 2010.

R&D Timber Engineer. I worked in an international form-works company based in Barcelona called Encofrados Alsina.. I was in charge of the timber related products as plywood panels, HT beams and solid wood panels, having the duties of product manager, R&D engineer and purchase manager. I developed a waterproof coating system licensed as utility model. Technical support to sales team. Purchase manager for a value of £4m. 2006 – 2009.

Process control and wood yard control. I was doing six weeks internship in UPM-Kymmene Eesti, Estonia. My main tasks were controlling the process quality and the quality of the logs at reception. 2005.

Responsible for vegetables section. I was working in a grocery store in Ireland as person in charge of the vegetable's store. 2003.

Skills Profile.

Communication

Giving presentations, dealing and dialogue with the client, suppliers, workmates. Good manners and politeness when dealing with people.

Problem Solving

Ability to solve problems in site. Innovative and creative thinker. Although my background is been specialized in timber engineering, I have got general knowledge of many areas like food – agronomy science, forestry, water engineering, renewable energies which allow me to be a global thinker. Also I am very concerned about time and cost, trying to optimise every process or project until the best possible solution.

Leadership

Student representative in Universidad de Burgos and in Edinburgh Napier University. Involved also as student delegate in the high school.

IT Skills

Proficiency level in Excel, Word, PowerPoint and AutoCAD. Solid knowledge of SAS statistics, Google SketchUp, Forestry software and Fortran. I am learning some other engineering software like GNU Octave and Autodesk Revit.

Ability to perform under pressure

Got in use to work under tight project's deadlines. Working in challenging environments such as sawmills, mud work areas, eastern countries...

Mobility Skills

Got in use to travel around ten-twelve times per year all around Europe because of my former job, took part into professional fairs.

Team Working

Semi-professional football player, creator of a company football team, organizer trips and other leisure activities, coach for young footballers accredited by the Scottish Football Association.

Other Information.

Language skills

Advance knowledge of English and Italian. Intensive English course in Vancouver, Canada.

Several courses and conferences related to rural engineering, wood engineering and rural development.

Awards

Medal Honor Award by the Edinburgh Napier University (2010)

Best dissertation award by the Scottish Timber Trade Association (2009).

Third place in a industry innovative-ideas contest (2007).

Awarded as 'Excellent young professional' by the bank 'Caja de Burgos' (2009).

References available on request.