



## Europass Curriculum Vitae



### Personal information

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**Nationality** Spanish  
**Date of birth** September 8<sup>th</sup>, 1981  
**Gender** Male

**Desired employment / Occupational field** **BUILDING ENGINEER. ARCHITECTURE  
LECTURER. TEACHING**

### Work experience

**Dates** May 2011 - present  
**Occupation or position held** **Technical assistant in “Telefónica Multinational Solutions Department”**  
**Main activities and responsibilities** Internal conditions and energy consumption improvement of Telefónica O2 buildings in Czech Republic  
**Name and address of employer** O2 Telefónica  
Za Brumlovkou 266/2, Prague 4 - Michle, PSČ 140 22  
**Type of business or sector** Telecommunications

**Dates** April 2011- present  
**Occupation or position held** **External lecturer**  
**Main activities and responsibilities** Applying the programs of building energy performance modelling: Lider, Calener, DesignBuilder within lessons.  
Theoretical lessons of energy efficiency in buildings.  
**Name and address of employer** Polytechnic University of Valencia UPV. Faculty of Building Engineering ETSIE. Spain  
**Type of business or sector** University

**Dates** March 2011 – July 2011  
**Occupation or position held** **International programs coordinator**  
**Main activities and responsibilities** Students manager  
Travel coordination  
Students attendance  
**Name and address of employer** MT education & training  
Teruel Avenue, 32 – 34, 50004, Zaragoza, Spain  
<http://www.mteducacionyformacion.com>  
**Type of business or sector** Education company

Dates	July 2006 - August 2007
Occupation or position held	<b>Building engineer</b>
Main activities and responsibilities	Composition and arrangement of all assigned projects, including supervision of all works, quality control, and project budgets.
Name and address of employer	Avant-Garde Arquitectura S.L. Cabecicos Street 8, 30008 Murcia Spain <a href="http://www.avantgardedarquitectura.com">http://www.avantgardedarquitectura.com</a>
Type of business or sector	Architecture company
<b>Education and training</b>	
Dates	September 2011 present
Title of qualification awarded	PhD student. Topic of doctoral thesis: <i>"Thermal characterization of an historical building under warm climate conditions"</i>
Principal subjects/occupational skills covered	In situ analysis of the building, drawing the plans. Inspection of the building using a thermography camera, to detect possible thermal failures. Data acquisition of temperature and humidity (inside and outside of the building) Data analysis of temperature and humidity (inside and outside of the building) Thermal modeling of the building Analysis of energy consumption Validation of the thermal modeling of the building Proposal of improvements in order to optimize the energy consumption
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Faculty of Building Engineering ETSIE. Spain
Level in national or international classification	<b>PhD in Architecture, Building, Urban planning and Landscape</b>
Dates	September 2009 – January 2011
Title of qualification awarded	7.5 (0-10). "Master thesis in building energy performance modelling" grade A
Principal subjects/occupational skills covered	Constructive and structural materials and systems in building Thermo-Acoustic conditioning and installations in building
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Faculty of Building Engineering ETSIE. Spain
Level in national or international classification	<b>Master degree. EUROPEAN MASTER IN BUILDING TECHNOLOGY</b>
Observations	4 months of study in Czech Technical University CTU in Prague, Czech Republic, for master thesis
Dates	September 2009 – February 2010
Title of qualification awarded	5.80 (0-10)
Principal subjects/occupational skills covered	Technically and financially manage the performance of a complete building project. Draft job safety and health plans and prepare technical reports and documents: measurements, appraisals, economic feasibility, assessments, inspections and pathology tests. Surveying, project preparation and building management within the scope of legal power. Research new technologies and building management, provide technical advice on the manufacturing of building construction materials and elements. Manage total quality, energy efficiency, sustainability, environmental impact, useful life cycle and building waste treatment. Also, managing the use, conservation and maintenance of buildings.
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Faculty of building engineering ETSIE. Spain
Level in national or international classification	<b>BACHELOR DEGREE IN BUILDING ENGINEERING</b>

Dates	September 2008 – July 2009
Title of qualification awarded	Grade B
Principal subjects/occupational skills covered	Building design Construction technology Structural design Building services and installations Building planning and costing Management
Name and type of organisation providing education and training	VIA University College. Horsens, Denmark
Level in national or international classification	<b>BACHELOR DEGREE IN ARCHITECTURAL TECHNOLOGY AND CONSTRUCTION MANAGEMENT</b>
Dates	September 2001 – July 2009
Title of qualification awarded	5.80 (0-10)
Principal subjects/occupational skills covered	Create projects that meet aesthetic and technical requirements, and design buildings which are tailored to the user and also comfortable, sustainable, economically feasible and in accordance with legal regulations. History and theory of architecture, art, technology and human sciences, urbanism and planning; construction research and problem solving methods, structures, physics and building technology; as well as industries, regulations and processes applicable to building and urban planning.
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Faculty of building engineering ETSIE. Spain
Level in national or international classification	<b>BACHELOR DEGREE IN TECHNICAL ARCHITECT</b>
Observations	11 months of study in VIA University College in Horsens, Denmark, doing the Final Project
<b>Courses, Awards and Events of Scientific Dissemination</b>	
Level in national or international classification	<b>UNIVERSITY ACHIEVEMENT AWARD FOR INTERNATIONAL PATH 2011</b> Polytechnic University of Valencia UPV
	<b>I CONGRESS OF ENERGY SERVICES MADRID 2011</b> <b>Communication:</b> "Application of the energetic services in a kindergarten in Prague" Antonio Martínez, Pablo Alonso, Vicente Blanca. May 2011. Technical publishing "El Instalador" ISBN: 978-84-86313-10-4 Legal deposit: M -19971-2011
Dates	June 2010 – July 2010
Title of qualification awarded	Achievement certificate
Principal subjects/occupational skills covered	Digital photography edition
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Permanent Education Center CFP
Level in national or international classification	<b>Course "ADOBE PHOTOSHOP". 30 hours</b>
Dates	July 2009 – August 2009
Title of qualification awarded	Achievement certificate
Principal subjects/occupational skills covered	Drawing and modelling of buildings using 3D STUDIO MAX software
Name and type of organisation providing education and training	Polytechnic University of Valencia UPV. Permanent Education Centre CFP. Spain
Level in national or international classification	<b>Course "VISUALIZATION OF ARCHITECTURAL SPACE IN 3D STUDIO MAX". 45 hours</b>

Dates July 2008 – August 2008  
 Title of qualification awarded Achievement certificate  
 Principal subjects/occupational skills covered Basic knowledge about 3D STUDIO MAX  
 Name and type of organisation providing education and training Polytechnic University of Valencia UPV. Permanent Education Centre CFP. Spain  
 Level in national or international classification **Course “3D STUDIO MAX”**. 35 hours

Dates December 2007 – January 2007  
 Title of qualification awarded Achievement certificate  
 Principal subjects/occupational skills covered Drawing and modelling of buildings in AUTOCAD 3D  
 Name and type of organisation providing education and training Polytechnic University of Valencia UPV. Permanent Education Centre CFP. Spain  
 Level in national or international classification **Course “AUTOCAD 2008 3D”**. 30 hours

Dates June 2003 – July 2003  
 Title of qualification awarded Achievement certificate  
 Principal subjects/occupational skills covered Drawing plans in AUTOCAD 2D  
 Name and type of organisation providing education and training Polytechnic University of Valencia UPV. Permanent Education Centre CFP. Spain  
 Level in national or international classification **Course “AUTOCAD 2002-04 2D**. 40 hours

**Personal skills and competences**

Mother tongue(s) Spanish, Valencian / Catalán

Other language(s)

Self-assessment  
 European level (\*)

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences Team worker  
 Good communication skills  
 Adaptability to multicultural environments

Organisational skills and competences Good organization  
 Good ability to create new situations and challenges  
 Leadership ability  
 Experience in managing projects and teamwork strategies

Technical skills and competences Expert in quality control processes  
 Domain supervising and writing works building  
 Domain making budgets

Computer skills and competences Expert with office software  
 Expert with Adobe Photoshop software, 3D Studio Max, Autocad, MS Project and Designbuilder  
 Expert of Microsoft and Macintosh systems

Artistic skills and competences	Writing of short stories, opinion articles Development and edition of posters Modelling
Other skills and competences	Professional basketball player Basketball coach for children teams
Driving licence	License type B1
<b>Additional information</b>	Total geographic mobility