

## PERSONAL INFORMATION



## Maria Odete de Almeida

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## POSITION

## Building Physics and Services Consultant Engineer

## WORK EXPERIENCE

01/08/1999–Present

**Partner of the PQF,Lda Consulting Engineers**

Paulo Queirós de Faria - Engenheiros Consultores, Lda  
Rua Alvaro Casteloes, 821 4. sala 4.1, 4450-043 Matosinhos (Portugal)  
[www.pqf-engenheiros.pt](http://www.pqf-engenheiros.pt)

**Business or sector** Building Physics and Services. Building Performance Simulation. Computational Fluid Dynamics.

01/09/2006–31/07/2014

**College / university teaching professional**

Escola Superior de Estudos Industriais e de Gestão, Polytechnic of Porto, Vila do Conde (Portugal)

13/11/1995–31/07/1999

**Mechanical engineer**

Gestão de Energia Térmica, Lda., Porto (Portugal)

HVAC system designer.

## EDUCATION AND TRAINING

01/09/2014–Present

**Master's degree in Building Physics and Services**

Eindhoven University of Technology, Eindhoven (Netherlands)

Heat and mass transfer in constructions, Construction materials, Indoor air quality, Lighting, Acoustics, Sustainable buildings, Intelligent buildings, Air-conditioning, Computer fluid dynamics and Building performance simulation.

06/04/2007–12/08/2009

**System Energy Certification Expert**

Faculty of Engineering of the University of Porto, Porto (Portugal)

Driving Portuguese process of energy building certification. Checking the correct application of Portuguese technical regulations based EU directive 2002/91/EC and EPBD recast (directive 2010/31/eu).

27/06/1997–08/08/1997

**HVAC System Designer**

Carrier University, 6540 Old Collamer Rd. S. US-13057, Syracuse, NY (United States)

Heat transfer, Psychrometrics, Refrigeration, Load estimating, Indoor air quality, Room air distribution, Air economizer, Sound, HVAC equipment and Design project.

01/10/1988–30/09/1995

**Degree in Mechanical Engineering - before Bologna Process**

Faculty of Engineering of the University of Porto, Porto (Portugal)

Mathematics, Structural Mechanics, Fluid Mechanics, Heat Transfer, Electricity, Automation, Mechanical and Manufacturing Technologies, Management, Materials and Process Technologies.

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	B2	B2
French	B1	B1	B1	A2	B1
Spanish	B2	C1	B1	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills Good communication skills obtained on my experience as a teacher and some seminars presentation; Ability to adapt to multicultural environments, gained through my travel experience abroad; Experience in logistical support in the administration of a nursing home - volunteer work.

Job-related skills Training in Carrier Holland Heating air handling units manufacturer company - Waalwijk, Netherlands in 2005; Designer Thermic Solar Installation gained through a course in National Institute of Engineering, Technology and Innovation - Lisbon, Portugal in 2006; Work carried out in training courses in Madrid, Lion, London, Cologne, Milan, Stockholm.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Proficient user	Independent user

Digital competences - Self-assessment grid

Training of EnergyPlus by the Portuguese Association of Refrigeration Industrial Engineers - Lisbon, Portugal in 2004; Excellent knowledge in Autocad HVAC System; Good knowledge of Microsoft Office tools and an independent user of Computational Fluid Dynamics.

ADDITIONAL INFORMATION

As a Consulting Engineer of air conditioning systems I have been working with, - "Eduardo Souto Moura" the Architect, who was awarded the "Pritzker Architecture" prize in 2011; - "Chamartin Project Team" on the Dolce Vita Porto Shopping that was awarded the "World is Best" prize in 2007; - "Inogi Project Team" on the Lake Apartments that was awarded the "European is Best Hotel & Tourism Resort" prize by MIPPIN in 2006; - "Álvaro Siza Vieira" the Architect, who was awarded the "Pritzker Architecture" prize in 1992.

Free time Travelling has always been one of my greatest pleasures because the chance to see new places, to meet new people and to know that you can survive out there is amazing. In addition, in my spare time I enjoy to read books, listen music, play tennis and spend time with my family and friends.