CURRICULUM VITAE EUROPEAN

Personal information

Surname(s) / First name(s)	**SOUSA, JORGE MANUEL CLEMENTE**
Address(es)	**Street Olimpio Cabral nº19, 5370-465 Mirandela, Portugal** **Plaza del Campo nº 13, 24460 Matarosa del Sil - Toreno . León - Spain**
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E-mail	**j.clemy@gmail.com ; j_clemente@oninet.pt**
Nationality	Portuguese
Date of birth	07-01-1976
Ticket of identity	Portuguese: 10757953**;** SPANISH: X-8701634-K
Civil state	Married
Letter of conduction nº	P- 1054773 - 09/02/96
Others	Member of the Order the Engineers - nº 58336 Registration in the ANACOM as Draftsperson: nº ILN51140P

Work experience

• Dates	Of 01/05/2012
• Name and address of employer	Aurecongroup – Angola
• Main activities and responsibilities	Joined the new department's electricity company, becoming the coordinator/supervision of a project financed by the World Bank, the electrical rehabilitation of 3 cities (Upgrading Electrical Medium Voltage and Low Voltage) - Uige, Kuito and Luena. On the 3 Cities Electrification project being undertaken for ENE in Angola, I also as the coordinating maintenance of this company. Supervised work in Rehabilitation, Modernization and Expansion of Viana Substation (SE Viana) of 400/220/60/30/15kV.
• Occupation or position held	Electrical Engineer of Systems Energy – Resident Engineer

• Dates	Of 25/01/2010 to 26/05/2011
• Name and address of employer	Soares da Costa SA – Angola and Portugal
• Main activities and responsibilities	Belonging to the Procurement Department of the company where I am in charge of subcontracting - Specialty (Electrical, HVAC, Plumbing, Generators, Lifts, and ETAR ETAS) where I make contact with service providers and negotiating with them. Analyze the bids submitted by suppliers, technically and economically more advantageous, analyze and check all the projects of each of the specialties. I have over 10 employees in my company.
• Occupation or position held	Electrical Engineer of Systems Energy – Responsible of the Specialty Subcontracting

• Dates	*Desde 04/08/2008 to 05/01/2010*
• Name and address of employer	SGC Energy, CI&D - Center of Innovation and Development
• Main activities and responsibilities	Development of new technologies in renewable energy - wind energy in design and construction of prototype micro production, a vertical axis turbine with a capacity of up to 6kW, Wind Hydrogen Production, Biodiesel, Small photovoltaic applications, waste treatment. All these projects have been executed since the beginning of the idea until their realization, such as graphic design and its performs, testing and rupture tests of saturation, electrical design and construction projects and structures. Qualified people in my office, eight employees of the company.
• Occupation or position held	Electrical Engineer of Systems Energy – Project Engineer
• Dates	Of 17/10/2007 to 01/08/2008
• Name and address of employer	APTG SA - Ports Administration of the Terceira and Graciosa - Azores
• Main activities and responsibilities	Oversee the maintenance of equipment, maintenance of infrastructure and warehouse technician. Gather data and produce reports on the activities of the workshop productivity and profitability of operations and realize that I schedule. Valid purchase orders, work orders and send by monitoring the implementation and effectiveness. I evaluate the performance of employees of the maintenance department. Elaborate electrical projects for improvement of business premises, to improve energy usage. People in my office, 15 employees of the company.
• Occupation or position held	Electrical Engineer of Systems Energy - Director of the department of maintenance
• Dates	Of 09/07/2007 to 09/10/07
• Name and address of employer	Painhas SA
• Main activities and responsibilities	Management Contract work, Human Resources, Equipment / Car & Commercial Contract Continues MV and LV. Analysis of the project running and development of power projects, for better performance and complement the main project. Belonging to the management team will work Factory Rotor blades - Enerconpor with several subcontractors, with a total number of employees in the work of 70 people.
• Occupation or position held	Electrical Engineer of Systems Energy - Manager of Project
• Dates	Of 14/05/2007 to 6/07/07
• Name and address of employer	GROUP LMSF – FARO Civil constructor
• Main activities and responsibilities	Relative cabinet of Projects, projects á Low Tension and of ITED; Responsible for project in Energies You renewed of the future Photovoltaic Central office and of a Mini Hydro in São Tomé and Príncipe; Responsible for the implementations of panels Thermal, Photovoltaic's Solar in the region of Faro. The main acquired capacities had been the perfection in the conception of projects and an improvement in the area of the Renewable Energies.
• Occupation or position held	Electrical Engineer de Systems Energy – Design Engineer

• Dates	Of 03/2001 up to 10/2001
• Name and address of employer	TMN - National Mobile telecommunications – Porto, Operator of Call Center
• Main activities and responsibilities	Agent of call to center directly contacting with clients and stores by form to solve the problems with equipment TMN. The main acquired capacities were the experience in the deal with clients with problems.
• Occupation or position held	Operator of technical support (Detection and repair of problems)
• Dates	Of 01/2000 up to 12/2000
• Name and address of employer	Tempel SA – Porto Department of Technical Support
• Main activities and responsibilities	Agent contacting directly with clients and stores by form to solve the problems with equipment of Tempel SA. The main acquired capacities were the experience in the deal with clients with problems and in repairs of products.
• Occupation or position held	Technical support (Detection and repair of problems)

Education and training

• Dates	Of 1997 up to 2006
• Name and type of organization providing education and training	College of Engineering of the University of Porto – FEUP, Porto, Portugal
• Principal subjects/occupational skills covered	Graduation in Electrical Engineering and of computers - Systems of energy, with the following main projects: • Projects for project annual of the facilities of Electrical: - of the concept of a building for its installation of the electrical one that obtains to the efficiency saving of the energy and Projects of the public illumination and the inner buildings • Projects in Production and transport of energy I and II: - Project of analysis of a mini Hydro, Photovoltaic and Aeolian power stations • Subjects of Telecommunications: - Simulation by computer of modulation by impulses, digital transmission in baseband and band of passage • Subject of Systems Microprocessors: - "Electronic Padlock with security system by code" project: complete design of the system including the programming of microprocessors, design of the hardware solution and implementation • Subject of Industrial Automation: - Programming of an Industrial robot for realistic simulations (grafset) • Subjects of Electronics I and II (electronic of energy): - You practice in laboratory: implementation of circuits, analysis, design and assembly, including a complete Op amp
• Title of qualification awarded	Electrical engineer of Systems of Energy (variant in Renewable Energies)
• Level in national or international classification	12 in 20 points
• Dates	*Of 01/03/2005 up to 30/06/2005*
• Name and type of organization providing education and training	Câmara Municipal de Mirandela – Mirandela, Portugal Department of Information and development
• Principal subjects/occupational skills covered	Final project of titled course "Study of the potential in renewable energies of the municipality of Mirandela" in order to analyze the information provided by the data of collection of the area of the municipality of Mirandela and the hot Earth municipalities by form to provide new functionalities and solutions for sustainable of the region. During the project, I acquired Renewable knowledge on the last technologies of renewable energies and experience in the area of Energy and Energies (Aeolian, Photovoltaic, Mini - Hydro and Biomass).
• Level in national or international classification	15 in 20 points

Seminaries and conferences

• Dates	*Of 21/09/2011 To 18/11/2011*
• Name and type of organization providing education and training	Pedagogical Training Course for Trainers - CAP, Action No. 3635-10DN13 of 113 hours - Consultua / IEFP
Principal subjects/occupational skills covered	During this course acquire pedagogical knowledge in order to teach or train in topics related to the field of Engineering.
• Dates	*Of 14/03/2007*
• Name and type of organization providing education and training	Seminary organized for the City council of Mirandela and the company Residues northeast, on: "Energy, Eco-efficiency and Local Development"
• Dates	*Of 06/04/2006*
• Name and type of organization providing education and training	Seminary organized for the College of Engineering of the University of the Porto and the ABB, on: "Robotic in the industries of the paper".
• Dates	*Of 21/10/2005*
• Name and type of organization providing education and training	Seminary organized for the Order of the Engineers, Order of the Architects and for the EDP, on: "Energy Efficiency in Buildings".
• Principal subjects/occupational skills covered	During this seminary I acquired knowledge on the eventual forms and applications of energy efficiency in buildings.
• Dates	*Of 05/05/2005 up to 07/05/2005*
• Name and type of organization providing education and training	Conference on Renewable Energies and Ambient command post Portugal - ENER' 05, organized for Portuguese Association to Promotion and Development Electrotechnic Engineer - APDEE
• Principal subjects/occupational skills covered	During this conference I acquired knowledge in the development of applied *Electrotechnic* Engineering ace Renewable Energies.
• Dates	*Of 08/09/2001 up to 17/10/2001*
• Name and type of organization providing education and training	Course of draftsperson of the recognized networks of the gas for the institute of the autogenously and of Qualities (ISQ), taken to traverse for the order of the engineers of the Porto.

Personal skills and competences

Mother tongue(s)	Portuguese
Other language(s)	
	English
• Reading	level: good
• Writing	level: good
• Speaking	level: good
	Spanish
• Reading	level: excellent
• Writing	level: good
• Speaking	level: excellent
	FRENCH
• Reading	level: basic
• Writing	level: basic
• Speaking	level: basic

Social skills and competences

During six years I participated in a musical group, of 1989 until 2001
3º seat in the regional championship of volleyball in the scholastic equipment, Mirandela season of 1993/1994
Champion of the regional championship of volleyball in the scholastic equipment, Mirandela season of 1994/1995

Technical skills and competences

Telecommunications:
Knowledge in networks of movable telecommunications (2G, 2G+ and 3G) acquired during you practice them academic.
Systems of Energy:
Knowledge in acquired power networks during the academic practices.
Computer science experience, main knowledge:
Programming: Programmer experienced in C/C++, Assembly (specially the families 80C51 and 8086) and Delphi.
Simulation: Matlab/Simulink and Labview like user and programmer.
Electronics: electronics CAD, EWB, simulation and programming: µvision
Others: Operating system Linux like user, common AutoCAD, SAP, Inventor, ETAP, ManWinWin, Power World, Macromedia Flash, Office and many other programs.

PASTIME

Reading, music, cinema and sport activities.