

PERSONAL INFORMATION



José Antonio Casares González

📍 Avda. Profesor Domínguez Ortiz 4, portal 4, 3ºA, 18014 Granada (España)

📞 625171862

✉ josecasares@gmail.com

Sex Male | Date of birth 17/05/1975 | Nationality Spanish

WORK EXPERIENCE

Andasol 3

From March 2016
to present

Electrical Supervisor

Marquesado Solar S.L.

- Electrical maintenance manager in the thermosolar plant [Andasol 3](#).

Sector Thermosolar energy

Montajes Eléctricos y Telecomunicaciones Ayllón (Construcciones Otero)

From August 2015
to March 2016

Head of Control Department

Montajes Eléctricos y Telecomunicaciones Ayllón (Construcciones Otero S.L.)

- Technical analysis of installations, project management and planning, and staff coordination.

Sector Automation

Andasol 3

From April 2015
to July 2015

Process engineer & head of operations assistant

Marquesado Solar S.L.

- Supervision and continuous improvement of process in the thermosolar plant [Andasol 3](#).
- Head of operation assistance and acting in his absence.

Sector Thermosolar energy

From January 2015
to March 2015

Shift leader

[Opemasol S.L.](#)

- Direction and supervision of technical resources and human staff engaged in the [Andasol 3](#) plant's operation.

Sector Thermosolar energy

From September 2013
to December 2013

Operation assistant

[Opemasol S.L.](#)

- Issues analysis, corrective actions proposal and participation in [Andasol 3](#) plant's operation.

Sector Thermosolar energy

Cosentino

From January 2013
to September 2013

Automation technician

Cosentino S.A.

- Software design and system integration.

Sector Artificial stone production

Ingeniería y Control Remoto

From February 2001
to December 2012

Automation developer

Ingeniería y Control Remoto, S.A.

- Software design and system integration in industry, water treatment plants and remote controlled systems.

Sector Automation

From September 2000
to January 2001

Software developer

Ingeniería y Control Remoto, S.A.

- Software development.

Sector Automation

Collaborations

From December 2009
to May 2010

Web developer

Department of Developmental and Educational Psychology, University of Granada

- Web development of Teaching Innovation Project "Learning through problem solving helped by ITC: blog, forums, podcasts and resource centres" (Proyecto de Innovación Docente "Aprendizaje por Resolución de Problemas con ayuda de las TICs: blog, foros, podcasts y centros de recursos").

Sector Education

EDUCATION AND TRAINING

From October 2010
to December 2011

Postgraduate master's degree in Computers and Networks Engineering

Higher Technical School of Information Technology, University of Granada

- Design and configuration, implementation and evaluation of computing and networks platforms.
- Tools for description, analysis, simulation, design and implementation of computing, control and communication platforms.
- Techniques and methodologies for addressing problems from new perspectives.
- Uses in biomedicine and bioinformatics, optimization and prediction, advanced control and bioinspired robotic.

From October 2002
to June 2008

Technical Engineer in Computer Systems

Higher Technical School of Computer Engineering, National University of Distance Education (UNED)

- Computers structure and technology, network architectures and formal languages.
- Analysis and programming, system and communication integration.
- Definition and design of computer system architectures.
- Configuration and management of operative systems, computer networks and their security.

- From October 1993
to June 1999
- Degree in Theoretical Physics**
Faculty of Science, University of Granada
- Study of physical phenomena, theories and troubleshooting.
 - Experimentation.
 - Mathematical methods for modelling and prediction.
- November 2016
(24 hours)
- Maneuvers in medium and low voltage in thermosolar plants**
Ruiz Arias Consulting
- Disconnection and restoration of systems.
- May 2016
(20 hours)
- Security in industrial networks and critical infrastructures**
National University of Distance Education (UNED)
- Security in networks.
- June 2014
(5 hours)
- Training in LNG discharge**
Molgas
- Procedure for discharge of liquid natural gas.
- From July 2014
to October 2014
(80 hours)
- ATEX Zones**
Educanet
- Explosive Atmospheres.
- November 2014
- Industrial Heaters Operator**
Junta de Andalucía
- Professional certification.
- From July 2014
to September 2014
(80 hours)
- First aids**
Educanet
- First aids.
- June 2014
(30 hours)
- Community Manager**
Andalucía Compromiso Digital
- Social networks management.
- October 2013
(60 hours)
- Basic Level of Construction Safety**
Construction Professional Card
Servicio de Prevención de Riesgos Laborales MPE
- Prevention of occupational hazards.
- December 2012
(300 hours)
- Advanced Information Security Systems ISO 27001**
Asociación de Jóvenes Empresarios Principado de Asturias
- Setup and management of an information security system.

- November 2012
(20 hours) **E-commerce and e-administration**
Andalucía Compromiso Digital
- Online payment, online bank and electronic administration.
- December 2010
(20 hours) **Site managers and Deployment Technicians**
Construction Professional Card
Gestión Integral de la Prevención Prevensur
- Prevention of occupational hazards.
- December 2010
(2 hours) **Training in Prevention and Specific Workplace Risks: Installers and Programmers**
Sociedad de Prevención MC SPA
- Prevention of occupational hazards.
- October 2010
(8 hours) **Initial Training for Workers in Metal Sector**
Construction Professional Card
Sociedad de Prevención de Fremap
- Health and safety.
- First aid.
- December 2009 **Certified Developer in Application Server 3.1 & Historian 9.0**
Wonderware Invensys
- Framework for industrial automation.
- October 2009 **Certificate of Completion in Wonderware System Platform 3.1, Industrial Application Server 3.1 & Intouch 10.1**
Wonderware Training
- Framework for Industrial automation.
- May 2007 **Certified Application Developer in Intouch 9.5**
Wonderware Invensys
- Framework for building SCADA (Supervisory Control and Data Acquisition) software.
- From February 2007
to March 2007
(30 hours) **Autocad 2005**
Centro de Estudios Hermanos Naranjo
- Solid design and modeling with Autocad.
- May 2006 **Certificate of Completion in Intouch 9.0 CSI**
Wonderware Software
- Framework for building SCADA (Supervisory Control and Data Acquisition) software.
- February 2006 **Certificate of Completion in IndustrialSQL Server 9.0 CSI**
Wonderware Software
- Historical and real-time database.

- February 2006 **Certificate of Completion in Active Factory 9.1 CSI**
Wonderware Software
- Plant analysis software.
- June 2005 **Certificate of Completion in Industrial Application Server 2.0 CSI**
Wonderware Software
- Framework for industrial automation.
- May 2002
(40 hours) **Basic PCS7**
Siemens Training Center
- Framework for process control systems development.
- From March 2000
to June 2000
(300 hours) **Certificate of Proficiency in Industrial Control and Communications**
Department of Architecture and Computer Technology, University of Granada
- Programmable logic controller (PLC) and supervisory control and data acquisition (SCADA) development.
- Wired automation design, instrumentation.
- Industrial communications.
- From November 1999
to June 2000
(180 hours) **Certificate of Pedagogical Competence**
Continuing Education Centre, University of Granada
- Teaching-learning process design.
- Psychological basement of learning and their application in the classroom.
- Teaching practice initiation.
- March 2000
(18 hours) **Energy, Technology and Society**
Foro de la Industria Nuclear Española, ENRESA & Continuing Education Centre, University of Granada
- The energetic problem.
- From March 1999
to June 1999
(40 hours) **English Level IV-C (intermediate)**
Modern Language Centre, University of Granada
- Independent user.
- From December 1998
to May 1999
(50 hours) **Scientific Actuality: "Communication, Science and Technology in the 21st Century"**
Parque de las Ciencias & University of Granada
- Analysis of problems about science communication.
- March 1999 **First Conference on Science Communication to Society**
Parque de las Ciencias & University of Granada
- Analysis of problems about science communication.

From September 1998
to October 1998
(40 hours)

Certificate of Proficiency in Hardware-Oriented Programming

Department of Architecture and Computer Technology, University of Granada

- Introduction to C language.
- I/O programming and access to BIOS.
- Hardware description languages.

From January 1998
to June 1998
(50 hours)

Certificate of Proficiency in Symmetry and Quantization

Carlos I Institute of Theoretical and Computational Physics, University of Granada

- Advanced differential geometry.
- Lie groups.
- Quantization.
- Conformal field theory.

From September 1990
to June 1991

English Level 2

Centro Británico Dunedin College

- English.

PERSONAL SKILLS

Mother tongue Spanish

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Arabic	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- Production activities coordination and supervision, managing work, physical resources and staff in order to achieve performance improvement.
- Work organization and scheduling acquired in ICR and Opemasol.
- Participation in decision-making, providing a technical overview.
- Responsibility and commitment, due to my volunteering in the Red Cross and my working practice.

Communication skills

- Teamwork skills, due to my work experiences.
- Dealing with clients, advising, troubleshooting and commercial orientation.
- Flexibility in multicultural environments, acquired in projects in Peru, Portugal or Morocco.

- Job-related skills**
- Ability to work under pressure and make hard decisions.
 - Accountability and concern for health and safety.
 - Analysis and debugging processes in industrial environments.
 - Design, implementation, administration and management of computer systems and new technologies, learnt by education and work experience.
 - Automation software development: PLC (Siemens, Schneider, Omron and Sofrel), SCADA (Industrial Application Server/Intouch, Vijeo Citect, PCS7, CX-Supervisor, PCWin, Labview), touch screen and others HMI, communication drivers (C#) and reports generation (VBA).
 - Commissioning the installation of plants working under deadlines.
 - Development of internal and external documentation, such as functional specifications.
 - Customer training on the developed software.
 - Ability to perform research, analysis and modeling of complex systems, because of my training in Theoretical Physics.
 - Holistic approach skills and lifelong learning.
- Other skills**
- Web design, applied to projects in ICR and University, personal website (www.atril.org) and other projects (vocesdeaprendizaje.org).
- Driving licence** B

ADDITIONAL INFORMATION

- From October 2014 **Studying Mechanical Engineerin Degree**
[Higher Technical School of Industrial Engineers, National University of Distance Education \(UNED\)](#)
- Publications**
- MIDI. Chapter of *Periféricos avanzados (Advanced Peripherals)*. Alberto Prieto. Editorial Garceta. ISBN: 978-84-15452-03-4 & 978-84-15452-04-1.
 - *Control en lenguaje natural de sistemas industriales automatizados* (Natural language control of automated industrial systems). Degree Final Project.
- Projects**
- Secretary of Gulnara Cultural Association (1995-1999).
 - Editor and designer of the Gulnara magazine (1995-1999).

ANNEXES