

FERNANDO JOAQUÍN HUERTA MARTÍN

Senior IT Engineer / Project Manager



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Senior Engineer in Information and Communication Technologies, with wide professional experience in industry and also in research and academia environments.

Competences

Personal

- Flexibility, adaptation capacity and proactive attitude; implication, respect to ethics and values
- Teamwork, work in international environments and in autonomously without supervision
- Ability to explain, to listen and comprehend
- Permanent scientific and technical curiosity

Technical

Experience in definition, analysis, specifications, design, development, testing, verification and validation (HW and SW); use of analysis and depuration tools (both physical and logical); technical management of projects, tendering, documentation generation, standard definition, relationship with customer, etc.

Linguistic

- **English:** Advanced (C1)
- **French:** Advanced (C1)
- **German:** Basic (A2)
- **Spanish:** Mother tongue

Technological

Adobe - Photoshop - GIMP - Web Browsers - Android - Windows 8, 7, XP - Linux - Mac OS X - VRTX - VMS - RTE-A - C++ - C - DELPHI - Debuggers - Embedded SW - Assembler - 65xx - 68xx - 86xx - ICE - Microcontrollers - ATMEL - ATMEL Studio - TCP/IP - Ethernet - WI-FI - Bluetooth - Networking - Microsoft Office - Word - Excel - Open Office - SOA - SQL - ORACLE - HTML - XML - Toad - Lotus Notes - Version Control - CVS - SVN - Configuration Control - Tortoise. **Professional level.**

Academic Formation

- **TELECOMMUNICATION ENGINEER (MSC).** (*E.T.S.I Telecomunicación*, Madrid Polytechnic University; 1979 — 1987).
- **ACKNOWLEDGE OF RESEARCH APTITUDE** (All credits for PhD, but no Dissertation. *Facultad de Informática*, Madrid Polytechnic University; 2001)

Professional Experience

AMPER PROGRAMAS DE ELECTRÓNICA Y COMUNICACIONES

Technical Manager / Senior System Engineer (1.997 — 2.012)

- **Definition** of metrics and maturity indicators of development

- **Definition** of a system for interconnecting LAN networks with and without security classification
- **Auditor and member** of Internal Standards Committee for 5S Methodology implantation
- **Responsible** for Security Certification of BMS-LINCE (Command and Control System for the Leopard tank of Spanish Army)
- **Responsible** for generation and translation of User and Administrator Documentation and On-line Help for the FISH-HE Project (Swiss Army Command and Control System)
- **Technical manager:**
 - FISH-HE Project (Swiss Army Command and Control System)
 - Projects for MIP (Multilateral Interoperability Programme) Prototypes for Spanish Army
 - Company internal R&D projects
- **Manager** of the company Section “Architecture & Core”, belonging to the Engineering Department
- **Responsible** for the definition of IHM in FIS-HE project, and new and updated windows
- **Participation in international Working Groups** (as Chairman, Deputy Chairman, delegation representative or member)
- **Responsible** for coordination of Communications Groups between System and Software Departments
- **Technical responsible** of SIMACET (Spanish Army Command and Control System) communications
- **Elaboration of a Viability study** for an ISDN basic access rate card for the MTS (Military Tactical Switch), in co-operation with Thomson-CSF. Plan for the development.

Eliop, S.A.

R&D Engineer

1992 — 1997

- **Functions:** requirement specification, design, development and testing of several devices for use in Industrial Electronics, mainly embedded software. PLCs, systems for measuring and pricing electrical energy, communication gateways...
- **Participation** in an ESPRIT project for automatic recognition of license plates, based upon Artificial Vision
- **Participation** in a project in Madrid Polytechnic University for Vehicle Access Control System, based on Artificial Vision as well

Project Engineer

1987 — 1992

- **Functions:** requirement specification, design, development, testing and teaching of courses for user and administrator of SCADA (Supervisory, Control And Data Acquisition) on several platforms and fields: Water treatment, Environmental, Automotive Industry, Electrical Energy, Experimental Systems...

Additional Data

- Birth date: May 6th, 1961
- Member of the FEANI (European Federation of National Engineers Associations), which has granted me the “European Engineer” title
- Since 1987 member (“Valued Member”) of the I.E.E.E. (Institute of Electrical and Electronics Engineers), belonging to the Computer Society. Elected to the grade of Senior Member on September 1st, 2012
- Member of the FITCE (Telecommunications Engineers Federation of the European Community)
- Collaborator in Madrid Polytechnic University, in Computer and Electronics Departments (1983 — 1987)