

1. PERSONAL DATA.

- **Name and surnames:** Ángel García Amigo.
- **Date/Place of birth:** 11/05/1983, Madrid.
- **Telephone number:** +34 662300895
- **Home Town :** Madrid.
- **E-mail:** agarciami@gmail.com

2. EDUCATION.

- **Telecom. Engineer , Universidad Politécnica de Madrid , (EAC/ABET masters degree, majoring in RF technology) .**

3. LANGUAGES.

Native language: **Spanish.**

	Written level	Spoken level
English	High	High
French	Medium	Low

4. EMPLOYMENTS.

- **(October 2013-Currently) : Project Lead at ELECNOR.**

Project Lead in FTTH Network Deployment Projects for New Generation Access Networks (NGA) over IP architecture.

Specific work items:

- Managing technical, personnel, subcontracts and administration and budgetary issues.
- Liaising with ELECNOR and concessionaire
- Control cost and increasing profit margins.
- Meeting with potential sub-contractors and negotiating prices.
- Conducting supervision of installation and build.
- Overall responsibility for producing Economic Feasibility Study and Fundamental Technical Plan to tight schedules. Controlling a team of more than 10 sub-contractors to achieve this.
- Advising the concessionaire on technical and troubleshooting aspects.

- **(October 2012-September 2013): Team Leader at ELECNO (ASP of ERICSSON and HUAWEI in Field, Services and Operations)**

Leading team to deliver swap projects and new network deployment 4G in the following projects: RAN REFRESH (HUAWEI/VODAFONE); RAN RENEWAL (ERICSSON/ORANGE); DELTA LTE (ERICSSON/ORANGE).

Specific work items:

- Supervision of planning and implementation for Swap and network deployment Projects.
- Field Surveying, multi skilled visits to establish site suitability for civil works, RF and transmission.
- Management of and knowledge transfer to local junior staff.
- Technical support to technicians in (Radio Configuration (IDB + scripts), commissioning RBS 6000 series, solving VSWR over Threshold, TX troubleshooting aspects, Voltage Out of range in TMA and RIU).
- Responsible for Network planning implementation of LTE in ORANGE SPAIN Network in ERICSSON planing (ERICSSON ASP) (20 nodes per week).

- **(October 2011-October 2012) : Broadband Service Engineer ERICSSON ESPAÑA (CD IP&BRODBAND&CORE HUB IBERIA)**

Transmission Network Design and Microwave Equipment.

Projects: RAN RENEWAL(ORANGE); YOIGO (TKP + MODERNIZATION).

Specific work items:

- Basic design uses ERICSSON TN and SIU working to core equipment via HUAWEI PTNs using ML-PPP. FTTN and XDSL also used.
- Preparation of cluster transmission swaps planning documentation using various Ericsson/Orange databases.
- Liaison with field staff to facilitate swap process.
- Planning packages completed and delivered according to project schedule.
- Design of radiolinks with TEMS using ERICSSON equipment.

- **(January 2011-Sept 2011) : Internship job at ERICSSON (Service Engineer)
ERICSSON NETWORK&SERVICES (CD RAN IBERIA)**

Transmission Network Design. Working on RBS swap project for ORANGE España.

Specific work items:

- Transmission Network Design and Optimization network in 2G/3G nodes.
- Basic design uses ERICSSON TN and SIU working to core equipment via HUAWEI PTNs using ML-PPP. FTTN and XDSL also used.

- **(May-December) 2010: Internship job at INABENSA (ABENGOA INDUSTRIAL DIVISION).**

Specific work items:

- Fibre Optic Network Deployment projects.
- Design and implementation of radiolinks using HUAWEI equipment (RTN).
- Labeling of components of radio links and fiber optic networks
- Review of projects about technology integration in civil works (L11 de Metro de Madrid, GSM-R Cercanías Barcelona).

- **2009-10: Student in Research and Development of simulation and synthesis of microstrip patch antennas. Dpto. SSR (ETSIT-UPM).**

Specific work items:

- Designing Multibeam former networks for antennas in X-Band.
- Electromagnetic and system and circuit simulators.
- Programming Matlab algorithms for radiating structures

5. TOOLS, SKILLS AND PROGRAMMING LANGUAGES .

- Electromagnetic simulators: *CST (Microwave Studio and PCB Studio), HFSS and FEKO.*
- System and circuit simulators: *ADS (Advanced Design System of Agilent) and Microwave Office (AWR of ANSOFT) and TEMS (ASCOM).*
- Digital Circuit Design: *FPGA with Xilinx Platform and VHDL.*
- Radiofrequency Measurements *(Oscilloscope and Vector Network Analyzer).*
- Mathematical Tools: *Matlab, and Maple.*
- Programming languages: *Java, C, and Ruby on Rails.*
- *AutoCAD and Google Earth and MapInfo as GIS Tool.*
- Advanced user of *word processors, spreadsheet and MS Office Project.*
- Advanced knowledge about numerical methods.
- Equipment management tools ERICSSON (OSS y SOM).

- Equipment management tool HUAWEI (U2000).
- Equipment management tool SIEMENS (NetViewer).
- Base Station Equipment (RBS 6000) y TN (*Traffic Nodes*) ERICSSON;
- RTN 910/950 (HUAWEI radiolink equipment) and PTN (HUAWEI switches).
- Mentum Link Planner for Radiolinks Design.
- TEMS ASCOM for DriveTest.
- GSM,UMTS, LTE, TX over IP, GPON, FTTx.

6. OTHER INFORMATION ABOUT ME.

- Final Year Project: *Antena plana multihaz para comunicaciones en banda X. Síntesis en tecnología microstrip de la estructura radiante y de la red conformadora.*
- Advanced user of Linux/Ubuntu.
- Knowledge about *Radio Base Station equipment (HUAWEI PTN and RTN 910/950, ERICSSON Traffic Nodes and RBS).*
- Driving License (category *B*).
- Willing to travel.
- Possibility of relocation.
- Possibility of field work.