

Roberto Torena Cristóbal

Accessible Technologies & Innovation Business Unit Manager

Summary

Mr. Roberto Torena holds an MSc. in Telecommunications (University of Zaragoza), and attended postgraduate courses in Satellite Monitorization (Leeheim Satellite Monitoring Station of the German Administration), GSM Cell Planning (Gamma Solutions S.L.), New Technologies Focused on Marketing (ESIC Business & Marketing School) and Web Design (OPC Informática). Presently, Mr. Torena holds the position of Manager of the Technology Accessibility, Studies and R&D Business Unit of ILUNION Accessibility Studies and Projects (previously known as Technosite). He is responsible for representing the area at international events, participating in presentations, networks and workshops for experts, and carrying out “scientific lobbying” activities. He is also responsible of identifying business opportunities for the unit, building consortium and creating proposals for aforementioned opportunities and negotiating awarded tenders and projects with the clients. These responsibilities are a continuation of his former position as Brussels Office Manager (2009-2012). In 2008, he was ILUNION’s R&D coordinator and interoperability architecture researcher for the INREDIS (INterfaces for RELations between Environment and people with DISabilities) project, and in the research project in mobile phone potential as an interface for interaction with multi-vending machines and ATMs. Previously, he was the Project Manager for Satellite Monitoring and New Technologies Consultancy at Spain’s Ministry of Industry, Tourism and Commerce (2006-2007). Previously he worked as Project Manager at the Mobile Network Deployment Area at Siemens (2005-2006), where he had also been working as a Mobile Network Optimization Engineer (2004-2005). Before that, he was a Mobile Transmission Engineer at Vodafone (2003-2004), in charge of the Web Project at Fundación Pioneros (2003) and a Video-telephony Researcher at Siemens (2001-2002).

Specialties

I+D, innovación, accesibilidad TIC, interoperabilidad, comunicaciones vía satélite, telefonía móvil, web

Experience

Technology Accessibility, Studies and R&D Business Unit Manager at ILUNION

January 2013 - Present (2 years 11 months)

- Represent Technosite at international events.
- Participate in presentations, networks and workshops for experts.
- Communicate with the European Commission and international partners.
- Identify business opportunities for the Accessible Technologies, Studies and R&D Unit in national and international initiatives with both public and private funds.
- Build consortium and create proposals for aforementioned opportunities
- Negotiate awarded tenders and projects with the clients
- Follow-up of awarded tenders and projects
- Coordination of the European Project "Assistive Technologies and Inclusive Solutions for All (ATIS4all)"

Brussels Office Manager at ILUNION

January 2009 - December 2012 (4 years)

- Represent Technosite at international events.
- Participate in presentations, networks and workshops for experts.
- Communicate with the European Commission and international partners.
- Identify business opportunities in the main European R&D funding programs and Commission's tenders.
- Build consortium and create proposals for aforementioned funding programs and tenders.
- Negotiate awarded tenders and projects with the European Commission.
- Follow-up of awarded tenders and projects. During the first three years in the position, he has played an essential role in the achievement of 7 R&D and innovation projects and Commission's tenders led by Technosite with a total budget of over 21 Million Euros. He has also managed Technosite's participation as partner in 11 other proposals for tenders and projects.

R&D Project Coordinator / Researcher at ILUNION

January 2008 - December 2008 (1 year)

- Organize and supervise a multi-company research group. (7 researchers)
- Research in interoperability architecture in the INREDIS (INterfaces for RELations between Environment and people with DISabilities) Project.
- Research in mobile phone potential as an interface for interaction with multi-vending machines and ATMs.

Coordinator / Project Manager of Monitoring of Satellite Services for the Ministry of Industry at Gamma Solutions S.L.

March 2006 - December 2007 (1 year 10 months)

- Organize, manage, and supervise the Satellite Services Monitoring team. (4 engineers)
- Task requests to the satellite monitoring station in Leeheim (Germany).
- Coordination between the MITyC and the satellite service operators.
- Prepare technological reports for the supervision of new technologies. (DTV, Wi-Fi, etc.).
- Elaboration of feasibility reports and competitive bids for future Gamma Solutions projects.

Coordinator / Project Manager of Network Deployment for SIEMENS at Gamma Solutions S.L.

May 2005 - February 2006 (10 months)

- Organize, manage, and supervise the production team for Technical Telecommunications Projects and Certifications. (4 Engineers)
- Organize, manage, and supervise the Drive Test teams. (4 Engineers)
- Implement Technical Telecommunications Projects and Certifications for Movistar and Vodafone.
- Elaboration of feasibility reports and bids for future Gamma Solutions projects.

Network Optimization Engineer for SIEMENS at Gamma Solutions S.L.

August 2004 - May 2005 (10 months)

- Execute and analyse integration testing (Drive Test) for 3rd generation telephone antennas for Movistar and Amena.
- Perform initial tuning and optimization activities.

Transmission Engineer (Traineeship) at Vodafone

December 2003 - August 2004 (9 months)

- Create logic links for transmission of UMTS, DCS and GSM stations through radio links and SDH.
- Assign parameters (IP addresses, cards and ports....) in the RNC to integrate B Nodes.
- Transmission planning and execution of multiple migrations from UMTS stations before commissioning new RNCs or owing to a lack of resources in a RNC.

IT Project Responsible at Fundación Pioneros

June 2003 - December 2003 (7 months)

- Analysis, design, and programming of web content management tools.
- Analysis, design, and programming of access to databases.

R&D master's thesis at Siemens Enterprise Communications

October 2001 - May 2002 (8 months)

- Research, design, and implementation of an error resilience system in video transmission for UMTS mobile telephones.

Patents

System and method of interaction between a user and an automatic teller machine

eu Patent Application 2450858

Inventors: Roberto T., Lourdes G.

The invention relates to a system and method of interaction between a user and an automatic teller machine in which the control of the teller machine is transferred to a mobile device of the user, thus allowing the elimination of accessibility barriers present in conventional teller machines. The teller machine comprises a web server which provides the mobile device with web pages that allow it to interact with the teller machine from said device.

Skills & Expertise

FP7

CIP

AAL

EU funding

Accessibility

ICT

R&D funding

R&D planning

Collaborative R&D

Negotiation

Lobbying

Communication Protocols

Semantic Interoperability

ATMs

Assistive Technology

Disability Studies
Disability Policies
W3C Accessibility
WCAG
Satellite Communications
Telecommunications Systems
HTML
MPEG-4
Gestión de proyectos
Consultoría
Tecnologías de la información y la comunicación
Estrategia empresarial
Análisis
Negociación
Dispositivos móviles
Investigación y desarrollo
Telecomunicaciones
Accesibilidad
Español
Business Strategy

Publications

Present and future of eAccessibility in Public Digital Terminals

ePractice Journal 2010

Authors: Roberto T., Jose Angel M.

Open software, ubiquitous Assistive Technologies and inclusive solutions as a way to foster global electronic inclusion

1st AEGIS International Conference 2010

Authors: Roberto T., Jose Angel Martinez-Usero

Languages

Español

(Native or bilingual proficiency)

Inglés

(Full professional proficiency)

Honors and Awards

Siemens AG prize for a patent proposal

Siemens AG

April 2002

Patent proposal: "Object Identification System for the improvement in the recovery of errors in video transmission"

Thesis contract

Siemens AG

September 2001

Using a procedure similar to an Erasmus Scholarship Application, I was awarded a contract with Siemens AG to carry-out my thesis in Munich working in collaboration with their research teams.

Prize for the research on the exploitation of solar power

Colegio de Doctores y Licenciados

September 1996

Education

Universidad de Zaragoza

1996 - 2002

Roberto Torená Cristóbal

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1 person has recommended Roberto

"Roberto is the most outstanding professional I have ever met. Apart from being a really good person, he is absolutely smart, objectives oriented and with a huge technical background that he perfectly combines with strategic vision. Roberto is really good as manager and as colleague. In fact, he produces the best technical proposals anybody can imagine. He has just a minimum issue, he is too used to working late hours and the weekend. Roberto, please respect your personal time and take some holidays!!!! I hope we can work together for a long time."

— **Jose Angel M.**, managed Roberto at ILUNION

[Contact Roberto on LinkedIn](#)