

Curriculum Vitae

Max Mustermann

Date of birth: 01st May 1979
Place of birth: Valencia
Personal status: Unmarried
Nationality: Spanish



Work Experience

Since 11/2010

Project Manager and Network Engineer, Network Simulation

Universidad Autónoma Madrid

- Research project of Freie Universität Berlin on highly accurate and scalable network simulation
- Definition of highly accurate delay models of transport equipment comprising Ethernet, DSL and Microsoft Radio (GPON and IP/MPLS planned)
- Implementation of these models in ns-2 and simulation of networks under various load conditions
- Application of phase-type distributions to high performance network simulation
- Proposal for the improvement of the Precision Time Protocol acc. to IEEE 1588

08/2010 – 10/2010

Consultancy on FTTH and GPON

Freelance Consultant at Muster AG, Erlangen (Germany)

- Strategic consulting on FTTH deployment and service options during an early phase of network planning
- Technical and economic analysis of fibre-based access technologies
- Development of CapEx models for different deployment scenarios
- Preparation of a decision guideline for fibre-based access networks

06/2009 – 09/2010

Project Manager, Applied Research in Mobile Networks

Beispiel AG, Berlin (Germany)

- Responsible for an international research project (UK, Poland, Germany) on the design of mobile backhaul networks
- Setup of a test design of mobile backhaul networks
- Setup of a test bed employing SDH, DSL, GPON, Microwave radio, ATM, Carrier Ethernet, GERAN and UTRAN technology
- Specifying, carrying out and documenting test with the above transport technologies
- Working out engineering guidelines for meeting the QoS requirements of the Radio Access Network

05/2007 – 05/2009

System Engineer and product Manager, Optical Networks

Beispiel AG, München (Germany)

- Engineering of SDH and DWDM / OTN equipment and networks
- Product management of DWDM / OTN systems
- Homogeneous introduction of NG-SDH and OTN features in the product portfolio of Siemens in collaboration with leading operators like Example AG

09/2005 – 04/2007

Software and System Engineer, SDH Equipment

Vorbild GmbH & Co. KG

- Design and implementation of embedded software with C++ for SDH equipment
- Coordination of software reuse from Taiwan and Germany

Education

06/2005 – 04/2007

Master en telecomunicaciones, conectividad y redes

Universitat de Jaume 1, en Castellon

10/2000 – 06/2005

Grado de Ingeniería Electrónica de Telecomunicación

Universitat Politècnica Madrid

10/1999 – 09/2000

2 Semestres de ingeniería en informática

University of Applied science in Munich and Berlin (Germany)

Proficiency

Telecom. Technologies

Excellent: PDH, SDH, DWDM / OTN, ATM, Carrier Ethernet, IP / MPLS, DSL, GPON, Microwave Radio, Network Management

Internet Protocols

Excellent: IP, IGMP, PPP (-MP), TCP, UDP, RTP, SMTP, POP3, IMAP4, HTTP, PTP, SNMP

Data bases

Good: MySQL

Software and Tools

Excellent: Object-oriented Analysis and Design, C++, Perl, Tcl, ns-2, Microsoft Office-Excel, Word, PowerPoint, Eclipse
Good: Code Composer Studio 4, Qt — Creator from Nokia, Netbeans
Simulink with Matlab, LTspice IV, Eagle, Trace32 from Lauterbach,
Basic: PVCS Configuration Builder

Languages

Spanish: Native language
English: Fluent Speech (B2)
German: Basic Knowledge (A2)



Valencia, 01st May 2012