



Mr. Anouar LOUKILI

5, Rue Indonesia Appt N° 15 BP 50000, Meknes, Morocco • (+212) 65 22 88 28 • Anouar.loukili@gmail.com

Telecommunication Systems & Networks Engineer

My main objective is to work within such an environment where I can best exploit my skills, learn and share experience as well.

EDUCATION

Ecole Nationale des Sciences Appliquées, Tangier, Morocco

M.Sc. Telecommunication Systems & Networks Engineer Degree (With Honors), June 2010

Emphasis in Telecommunication Systems, Data Bases Administration, Programming, Networks, IT Security...

- CISCO CCNA Certification
- Founder member & General Secretary of "*Club Développement & Innovation Technologique*".
- Organization Comity member of the 6th Edition of *ENSAT Enterprise Forum*, Charged of Communication.

Moulay Ismail University, Meknes, Morocco

Physics Sciences D. E. U. G (With Honors) , June 2007

Emphasis in Physics & Mathematics

Princess Lalla Amina High School, Meknes, Morocco

Mathematics baccalaureate, June 2005

Emphasis in Mathematics

EXPERIENCE

Spring 2010
(March 1 – June 15)

Final Project Internship (4 Months)

HUAWEI TECHNOLOGIES MOROCCO, Rabat

www.huawei.com



Dpt. Optical Network Product

Worked as *Transmission Engineer Trainee*, my responsibilities include:

Study of the NG-WDM Technology & Its Implementation in Maroc Telecom Network.

- ✓ Study of the NG-WDM Technology & the OptiX OSN 6800 Platform.
- ✓ NG-WDM Network Planning & Sizing.
- ✓ NG-WDM Network Design using the OptiX MDS 6600 Huawei Tool.
- ✓ Commissioning of MAROC TELECOM NG-WDM Network.
- ✓ Participation in different Maintaining Operations (WDM & SDH/NG-SDH).

Summer 2009
(June 29 – August 30)

Internship (2 Months)

MAROC TELECOM, Rabat



www.iam.ma

Div. Operations & Maintenance service platforms

Worked as *Core Network Engineer Trainee*, my responsibilities include:

Study & Implementing MPLS Traffic Engineering in the MAROC TELECOM IP/MPLS Network.

- ✓ Study of the MPLS/MPLS-TE technology & the network platform,
- ✓ Suggesting & Validation Traffic Engineering architecture (MPLS TE/FRR).
- ✓ Setting MPLS-TE architecture (Creation & Configuration TE tunnels on CISCO routers).
- ✓ Study of IP/MPLS Network QoS models & Setting a data streams QoS architecture.

Summer 2008
(June 29 – July 30)

Internship (1 Month)

SMAICO Maintenance, Tangier Free Zone



www.smaico.com

Dpt. Information Technology

Worked as *Web Developer Engineer* Trainee, my responsibilities include:

- ✓ Designing a stock management web application (PHP/MySQL),
- ✓ Extending YAZAKI MOROCCO wired network.
- ✓ Customer Charged for the PREMO MEDITERANÉE project.

PROJECTS

- ▶ **Conception & Deployment of a «WEB TV» Solution.**
(GNU/Linux Debian , VLC, J2EE, Glassfish v2, MySQL, TCP/IP)
- ▶ **Study of the 3G LTE Standard.** (Reads: 2,531 on Scribd - 12 Dec 2010)
- ▶ **W-CDMA PHY layer Study.**
- ▶ **Study of the IEEE 802.15 (Bluetooth) Standard.**
- ▶ **Implementation of Secured Chat via RSA Algorithm.**
(Java, RSA) presented on “The Open Source Day 2010” at ENSAT
- ▶ **ENSAT LAN Vulnerability Study.**
(Wireshark, Superscan, Sniffer, eToolz, GFI LANguard Network Security Scanner, ...)
- ▶ **IPBX Configuration: MeetMe Conference under Asterisk.** (GNU/Linux Ubuntu, Asterisk for VoIP)
- ▶ **Web Server Securing under Unix platform using SSL Protocol.** (Apache, GNU/Linux Ubuntu, Open SSL)
- ▶ **Study of an Information System (Merise) & Implementation of a Java GUI, ENSAT RH Service case.**
(Java, Oracle, PowerAMC)
- ▶ **Voice Recognition based Traducer**
(C#.Net, Microsoft Speech SDK, Google Translate API).

SKILLS

- **Wireless Communication :** 2G/3G Networks, Mobile Engineering, WiMAX, WiFi, Bluetooth,
- **Optical Fiber Communication :** PDH, SDH/NGSDH, WDM/NG-WDM, All Optical Technology,
- **Data Communication :** LAN/WAN technologies, Networking fundamentals (Complete CCNA Course) , Routing/Switching Protocols, Traffic Engineering (MPLS-TE, GMPLS/ASON), QoS, VoIP,
- **IT Security :** Cryptography & Security Protocols (RSA, SSL, SSH),
- **Computer Sciences :** OS (Windows, GNU/Linux), C/C#, Java, Matlab, HTML/CSS, PHP, SQL,
- **Softwares :** Eclipse, Power AMC, HFSS, OPNET, GNS3, WinSCP, MS Visio, DIA,
- **Platforms :** OptiX iManger T2000, OptiX MDS 6600, Cisco Routers (1800, 3600, 7200vxx, 12000), Huawei OptiX (BWS 1600, OSN 3500, 3800, 6800).
- **Languages :** Good in Arabic, French, & English.