

CHALLITA YOUSSEF

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OBJECTIVE

Getting a very challenging and competitive position for a computer engineer. Fields of interest include Networking, and Telecommunications.

EDUCATION

- **Bachelor of Engineering in Computer Engineering with High Distinction:**
Lebanese American University (LAU), Byblos, Lebanon, February 2008
- **Lebanese Baccalaureate in General Sciences with High Distinction:**
Rosary Sisters School, Byblos, Lebanon, 2003

WORK PROFILE

- *August08 – Present:*
Test Engineer at CISCO Systems, San Jose – California, in NSITE Group:(Partnership for Lebanon Program)
NSITE Enterprise Solution Test Team is focused on performing system-level testing for large end-to-end enterprise networks, validating the next-generation technologies on a cross-section of all CISCO platforms. Testing is focused on feature interoperability, feature combination as well as scalability, performance and availability.
- *May08 – July08:*
Configuration and Change Management Engineer at Fal Dete Telecommunications - Alfa, Lebanon:
Responsible of all change management activities (new business planning, change advisory board, requests for change, change schedule, production of management info, etc), evaluating and assessing the impacts of changes in the Technology Area. Also, contributing in the development and enhancement of the change management policies, processes, and automation tools. Contributing in the CMDB management process and implementation. All activities adopt ITIL/ITSM best practices.
- *August-September 2007:*
Internship at Fal Dete Telecommunications – Alfa, Lebanon, in the Network and IT infrastructure Unit:
Duties included reviewing the current internet access policy and the VPN access for corporate users. In addition to VLANs and DHCP configuration, and study of some network security and management tools.
- *July-August 2007:*
Internship at Ogero Telecom, Lebanon:
The training session covered AXE Ericsson switching platform, including the switching functions and concepts, and the general switch operation. In addition, some practical sessions covered call routing process, and traffic analysis. Finally, the outside plant cabling was covered.
- *June 2007:*
Internship at SoftSolutions, Lebanon: (www.softsolutions.fr)
Software development using the Java J2EE/Oracle platform. High experience gained in: HTML, JavaScript, JSP, Java, Oracle, Server configuration and data modeling.
- *2004-2007:*
Part-Time Job at LAU IT Department:
Network and Desktop Support
- *Fall 2006- Fall 2007:*
Teaching assistantship for Dr. Iyad Ouais, assistant professor of computer engineering, LAU:
Courses: Reconfigurable Computing and Computer Architecture

TRAINING

- CCIE Deep Dive Training at NSITE team - Cisco Systems, San Jose, Aug 08 till Present
- ITIL v3 Foundation Course by HP, July 08

CISCO CERTIFICATIONS

- Cisco Certified Internetwork Expert (CCIE) – written (Routing & Switching), October 08
- Cisco Certified Network Professional (CCNP), October 08
- Cisco Certified Network Associate (CCNA), October 07

SKILLS

Keywords & Protocols	TCP/IP (v4 &6), IEEE802.x, MPLS, Multicast, QoS, Optical WDM networks, GSM, UMTS, GPRS, CDMA
Tools	Linear Programming (LINGO), DES Simulation, Project Scheduling (P3 Planner), Optimization and Operations Research
Programming	<ul style="list-style-type: none">▪ OOP: Java, J2EE platform▪ DB: SQL, MySQL, Oracle▪ HTML, JSP, ASP, Jscript
HW Design	CMOS VLSI (Magic), Logic Design (VHDL, Altera), Assembly (Motorola 68k), Circuits (PSPICE)
OS	Unix, Linux, Windows
IT Standards	ITIL, ITSM
Miscellaneous	MS Office, Emacs, Autocad, Mathematica, Matlab

MEMBERSHIP & PERSONAL INFO

- Fluent in English (TOEFL iBT: 111), French & Arabic
- Member of the Institute of Electrical & Electronic Engineers (IEEE)
- Member of the 'Students Council' at LAU in the academic year 2004-2005
- Member of the IT sub-committee for LAU strategic planning in 2005
- Hobbies include: Chess, Billiard and Basketball

ACADEMIC AWARDS

- Award of Membership to LAU Honor Society with High-Distinction in 2004, 2005, 2006, and 2007
- LAU Honor Scholarship, 2004-2008

ACADEMIC PROJECTS

- DES simulation of ATM Adaptation Layer 2 (AAL2)
- Web application for an IT forum
- Design and Implementation of hardware pipelined sorter
- Java Programming Projects (Paint, Histogram maker, Solitaire Game, Marketing Simulation, ATM Machine simulation, Image Scaling and calibration, Graph Coloring, Graphic Editor, Tetris, Bank Tellers, ...)
- A complete, user-friendly database application for a Registrar Office using Java and MySQL
- Digital Logic Design Projects: Design and Implementation of: Multiplier, SnakeGame, simple ALU.
- Reconfigurable computing designs and downloads of programs to FPGA boards.
- Path Loss exponent calculations using Matlab for a mobile communication system.
- VLSI design project: Linear Array Sorter in CMOS technology
- Assembly programming: implementation of sorting algorithms on integer arrays.

REFERENCES

Education and work references are available upon request.