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EDUCATION

CORNELL UNIVERSITY, Ithaca, NY

Master of Engineering in Applied Operations Research: May 2004 GPA: 3.50

ROLLINS COLLEGE, Winter Park, FL

Master of Business Administration with Honors: May 2003 GPA: 3.87

Concentration: Finance and Accounting

AMERICAN UNIVERSITY OF BEIRUT (AUB), Beirut, Lebanon

Bachelor in Electrical Engineering: June 2001

Concentration: Electronics and Communications

EXPERIENCE

SUMMER INTERNSHIPS

UBC SERVICES INC., Lagos, Victoria Island, Nigeria

Assistant to Managing Director

Summer 2002

- Prepared a budget for the project manager for the construction of 39 GSM cell sites, and divided expenses into different categories: civil work, electrical work, raw material, labor, transportation, etc
- Helped prepare a tender for GSM cell site construction project in Egypt
- Prepared cost assessment per GSM cell site construction, performing a cost analysis breakdown for all components of the cell site, resulting in 6.5% cost reduction
- Dealt with vendors and suppliers, negotiated payments and credit terms, and ensured that delivered products met requirements
- Recommended strategies to improve efficiency and employee morale at the company's warehouse, as well as going with the warehouse manager over inventory management mechanism

MOTOROLA, Chicago, IL

Engineering Trainee

Summer 2000

- Installed, and operated Motorola's Switch (routing hub); tested performance when running over capacity
- Controlled Interworking Unit (Internet traffic controller) through online software
- Prepared technical report of competitive products/services to improve business sales

ACADEMIC RELATED

CORNELL UNIVERSITY, School of Operations Research, Ithaca, NY

Consultant

Academic year 2003-04

- Worked in a team of five students on a data mining project for Analog Devices Inc.
- Imported and cleaned a 4.5GB database using Microsoft Access and MySQL software packages
- Exported the data to the SAS System, developed hypotheses for sampling and running statistical measures, and used the system as an aid to perform data mining analysis on the data
- Pinpointed differences or similarities that may exist in ADI's customers' behaviors, and accordingly presented recommendations on the possibility of segmenting ADI's pool of customers

Teaching Assistant

Academic year 2003-04

- Conducted weekly problem-solving sessions and held office hours for Financial and Managerial Accounting, and Economic Analysis of Engineering Systems courses

ROLLINS COLLEGE, Crummer Graduate School of Business, Winter Park, FL

Teaching and Research Assistant

Academic years 2001-02 & 2002-03

- Conducted research and assisted in faculty publications regarding two subjects: “Predicting Bankruptcy through Empirical Evidences” and “Efficiency of Corporate Governance – United American Airline Case Study”
- Collected companies’ data, calculated all types of different financial ratios, and compared the results to that of industry and market
- Tutored Financial Management, Managerial Accounting, and Financial Accounting courses
- Conducted weekly Financial and Managerial Accounting problem solving sessions for first year MBA students, including preparing problems, and holding office hours

AMERICAN UNIVERSITY OF BEIRUT, Faculty of Engineering, Beirut, Lebanon

Lab Instructor for Control Theory and Microcontrollers Lab (junior EE class)

Spring 2001

- Prepared weekly experiments, supervised students working in teams to build circuits, and graded their circuits and reports
- Helped students with their term projects, and gave extra lectures upon their request.

TECHNICAL AND LEADERSHIP SKILLS

Programming Languages: Assembly Codes, C++, MySQL, and basic knowledge of VBA, Visual C++ and HTML.

Application Software: MS Windows, MS Excel, MS Word, MS Powerpoint, MS FrontPage, Photoshop, AutoCad, Matlab, @Risk, ProModel, MySQL, SAS System-EM, OrCad, MathCad, EWB, PsPice, and hands-on experience of Oracle

Team Skills/Leadership: Team leader of a group of 5 engineering students in developing the project for Analog Devices Inc.

Team leader of seven MBA students for the Third Annual Strategic Planning Competition

Team leader of five MBA students for an entire year working on different courses, projects, case studies, and presentations

Team leader of 4 engineering students in developing final year project at AUB
Resolved various conflicts while working in diversified groups

Spoken Languages: Arabic and English

HONORS AND MEMBERSHIPS

- Passed Chartered Financial Analyst (CFA) Level I exam (May 2003)
- Beta Gamma Sigma (business honorary society)
- Winner of first prize of Third Annual Strategic Planning Competition at Rollins College
- Honors List, Rollins College
- Honors List, American University of Beirut
- Institute of Electrical and Electronics Engineering (IEEE): 5 years