Imtiaz Nizami

1709 South JenTilly Lane Apt # 70
Tempe, AZ 85281
Tel # (480) 446 9997
Email: nizami@asu.edu

Objective To obtain a full time position in an Electrical Engineering company where I can apply my knowledge and skills.

Education Aug 2001 – May 2003   ***Arizona State University***   Tempe, AZ
Master of Science, Electrical Engineering

Aug 1998 – July 2001   ***Arizona State University***   Tempe, AZ
Bachelor of Science, Electrical Engineering

Experience Aug 99 to Present   Department of Mathematics, ASU   Tempe, AZ
<u>Calculus Grader/Instructional Aid:</u>
Duties include providing supplemental instruction to students and grading homework and labs of a Multidimensional Calculus course (MAT 272) in the Mathematics Department.

Oct 98 to Jul 99   Information technology (IT), ASU   Tempe, AZ
<u>Computer Assistant:</u>
Duties included assisting computing lab users in operating various software and academic use programs. Trouble shooting software problems and maintenance/fix disking of network connected computers/printers for the ASU Information Technology Computing Services.

Coursework
- Feedback and Control Systems
- Digital Signal Processing
- Antennas for Wireless Communications
- Communication Systems
- Data Communication Systems
- Broadband Networks

Projects
- Senior Design Project: Development and implementation of a SimuLink-based process emulator for the evaluation of embedded controllers.
- Software Implementation of *Slotted ALOHA Communication Protocol.*
- Audio Compression using FFT.
- Design Analysis of a Pitch Attitude Control System for an airplane.
- Development and Analysis of a Single-Link Robotic Manipulator Control System.
- Model to measure defects in newly manufactured materials with body centered cubic and close packed hexagonal structures.
- Spreadsheet model implementing the decay of a chemical substance.
- A Cab Control System consisting of five routines and having a backup.

(Used MatLab / SimuLink Software in the first five projects listed)

Computer Skills
<u>Software:</u>
Engineering: MatLab 6, SimuLink 3.0, MathCad 2000, Pspice 8.0, Logic Works, J-DSP.
General: MS Office 97/00, Visio, Dreamweaver, Flash, Photoshop.
Programming: C++, Java, Motorola HC11 Assembly, Pascal.
<u>Platforms and Operating Systems:</u> PC (Windows 98/2000) & RedHat Linux.

Personal Skills
- Good oral and written communication skills
- Work both independently as well as with a team
- Have good problem solving skills
- Experience in working with people with multicultural background

Awards Dean's Honor List: Fall 1998 and Spring 2000 at Arizona State University
High honors student for four consecutive semesters at Eastern Mediterranean University.

Activities
- Member of IEEE (Institute of Electrical and Electronic Engineering)
- Program coordinator for PSA (Pakistan Student Association)