

KAMRAN ARSHAD

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VISION

To excel & grow in a professional environment & follow the career path to the top technical position in a progressive organization, where I can utilize my skills and expertise to achieve new milestone in my field.

PERSONAL PROFILE

Date of Birth 18th November, 1978
Religion Islam
Height 5'6 "

Marital Status Single
Nationality Pakistani
Language Prof. English, Urdu

QUALIFICATION / EDUCATION

Master of science Electrical Engineering (2001-03) from KFUPM, Saudi Arabia
Specialization in the field of TELECOMMUNICATION and DSP.
Cumulative GPA: 3.97 out of 4

Bachelor of engineering Electrical Engineering (1996-2000) from NED university, Pakistan
Cumulative GPA: 4 out of 4

HONORS

- Scholarships for each academic year and Merit Award Certificate from NED University, Pakistan.
- Scholarship for higher studies from KFUPM, Saudi Arabia.
- Research Assistantship in EE department, KFUPM.

AREAS OF INTEREST

- Digital Communications
- Wireless Communications
- Digital Image Processing
- Estimation Theory
- Control Theory
- Digital Signal Processing

PROFESSIONAL EXPERIENCE

- **King Fahd University of Petroleum & Minerals, Saudi Arabia**
Working as a Lecturer in Electrical Engineering Department, involved in research projects conducted research individually as well as in a team. As a Lecturer, I conducted the labs of Advance Electronics (EE 303) and Communication Engineering (EE370).
- **King Fahd University of Petroleum & Minerals, Saudi Arabia**
Working as a Teaching Assistant in Electrical Engineering Department, KFUPM. As a teaching assistant here, I conducted the labs of Electric Circuits (EE201) and Electronics (EE 203).
- **NED University of Eng. & Tech. Pakistan**
Worked as a Lecturer in the Department Of Electronics Engineering in NED University Of Engineering & Technology for the period of one complete academic year.
- **Motorola (Mobilink) GSM Private Limited**
Worked with Mobilink GSM as a System Engineer for there network of Karachi and Hyderabad (Pakistan). Major responsibilities include, daily inspection of cell sites, path balance analysis, drive testing and calibration of Tx and Rx antennas.

- **SIEMENS Pakistan Private Limited**

Worked as an Executive Engineer in the department of Transformer Design

RESEARCH PROJECTS

- Channel Estimation in OFDM Systems [MS Thesis].
- Centralized Meter Reading System (CMRS). [Undergraduate Final Year Project]
- Simulate a new scheme using Stop and Go algorithm of Blind Equalizer, which significantly reduces its convergence time
- Simulation and comparative study of different algorithms of blind equalization
- Implementation of a web server (using HTTP 1.1) in java.
- Comparative study of different architectural approaches used in *Reconfigurable Computing*.
- Different projects related with digital image processing using Matlab.

PUBLICATIONS

- "Performance of OFDM System Under certain Pilot Arrangement" Kamran Arshad and Asrar U. H. Sheikh (Under review of 3rd International Bhurban Conference on Applied Sciences and Technologies, (IBCAST) 2004, Bhurban Muree, Pakistan).
- " Effect of Doppler Frequency on Pilot Arrangements in Wireless OFDM Systems " Kamran Arshad and Asrar U. H. Sheikh (Accepted for publication in 1st International Conference on Information and Communication Technologies (ICTTA) 2004, Damascus, Syria).

COMPUTER PROFICIENCY

- Proficient in programming in MATLAB and Mathematica
- Worked on the scientific text editor LATEX
- Worked in C, C++, Java, Visual Basic and Assembly Language
- Proficient with simulation of circuits in SPICE
- Conversant with operation, installation and minor-trouble shooting of computers in Windows/NT environment.

STRENGTHS

- Innovative in approach.
- Feel comfortable to run and go with a team.
- Analytical and have fine problem solving skills.
- Self motivated, with good communication skills.
- Adaptable to any change in the environment and system.

REFERENCES

1. **Dr. Asrar UI Haq Sheikh**
Bell Labs Chair Professor

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2. **Prof. Sheikh Ghulam Hussain**
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