NAVEERA SAMI
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0344-2964132

QUALIFICATION:
Bachelor in Computer and Information Systems Engineering, NED University (2011).
M.Engg. (Computer Architecture and Systems Design), NED University (2015).

PUBLICATIONS:
Nabiha Faisal, Ayesha Anees Zaveri, Naveera Sami, Shakila Sheikh, Salman Khan, Saba Akhter.
Intelligent Greenhouse Monitoring System. International Journal of Scientific & Engineering Research.
Volume 9, Issue 3.

POSITION:
Secured 12th position in F.E (First year Engineering) CIS (2008) among 70.
Secured 6th position in S.E (Second year Engineering) CIS (2009) among 70.
Secured 14th position in T.E (Third year Engineering) CIS (2010) among 70.
Secured 3.34 CGPA in M.Engg (CIS).

EXPERIENCE:

- Senior Lecturer at Bahria University, Karachi Campus from August, 2016 to date (5 years 7 months).
- Visiting Faculty Lecturer at Bahria University, Karachi Campus from February,2016 to June,2016 (5 months).
- Lab Instructor at DHA Suffa University from February, 2015 to December, 2015 (11 months).
- Lecturer at NED University of Engineering & Technology from September, 2012 to December, 2013 (1 year 3 months).
- Internship at United Bank Limited from July, 2010 to August, 2010 (6 weeks).

COURSES TAUGHT:
- Computer Architecture and Organization.
- Engineering Ethics.
- Numerical Analysis.
- Robotics
- Digital Logic Design
- Database Management systems.
- Data Structures and Algorithms.
- Applied Physics.
- Data Security and Encryption.
- Introduction to Computers.
- Data Structures.
- Programming languages.
- VLSI Systems Design.
- Digital image processing.
- Electronics.
- Engineering Economics and management
- FPGA architecture and programming.

- Fundamentals of Analog and Digital Electronics.
- Integrated circuits.
- Basic Electronics.
- Instrumentation and Control.

FINAL YEAR PROJECT:
I have worked over the project Retail Management System (RMS). The project deals with inventory management, customer management, vendor management, sales and purchase management, reporting and security management.
The technologies used in this project are:
- Embarcadero ER Studio v8.
- SQL Server 2005 Express And Visual Studio 2005.

SOFTWARE PROJECTS:
- Retail management system (RMS) using SQL Server and VB.Net.
- Dental expert system using Win PROLOG.
- Airline database using C#.
- Snake and ladder game using C language.
- Online car showroom database using SQL server and ASP.Net.

TECHNICAL SKILLS:
Languages: C, C#, C++, HTML, Verilog, VB, MS-SQL, Win PROLOG, UML.
Software: Microsoft office, Code Composer Studio, lab view, Matlab, MS Project, rational rose, Xilinx, ER Studio, ModelSim, Multisim, Code Blocks and workbench.
Hardware: Discrete devices, logic gates, FPGA, DSP kit.
Concepts: OOP.

PROJECTS SUPERVISION:
- Voice Automated Wheelchair. (2021)
- Mind Controlled Robot Using Arduino and EEG Headset. (2019)
- Automatic Lesion Detection System (ALDS) for Skin Cancer Classification Using Deep Learning. (2019)
- Smart stick assistance for blind person. (2018)
- Garbage Collecting Robot. (2018)
- Investigating small motions In Videos (2016).
- Run Time Face Recognition System Using Graphical Processing Unit (2013).
- Image Based Detection of D-Cracking in Pavements and Roads (2013).

TRAINING:
- Attended Faculty Development Session " What Reviewers' Want" (Aug, 2017).
- Attended Faculty Development Session " Research Methodology" (Aug, 2017).
- Attended 1st Master Trainer's Faculty Professional Development Workshop through HEC Master Trainer at DHA Suffa University (Aug, 2015).
- Attended ISO training "presentation and communication Skills" (Nov, 2012).
- Attended ISO training "Duties and responsibilities of invigilator and examiner"
- (March, 2013).
- Attended ISO training "Effective Teaching practices" (April, 2013).

SEMINAR:
Attended the seminar by DEV NEXT.
Attended ICICT 2011 at IBA (Institute Of Business Administration).

PARTICIPATION:
Participated in speed programming competition at PRO BRAINS (2011).

ACHIEVEMENTS:
Secured IGNITE FYP Funding 8 times for Final Year Project.