

Employment Objective:

To involve and produce quality research work which will support and maintain the existing research activities as well as provide new and innovative ways to curtail cost and boost up the efficiency and research environment in my parent institution.

Key Qualifications:

- PhD in Pose Invariant Face Recognition, CVSSP Centre, Surrey Uni. UK In Progress
- Master of Science with Major in Computer Science - Bradley University Peoria, IL (GPA 3.4) 1999-2001
- Bachelor of Engineering with Major in Electrical Engineering
Nadirshaw Edulji Dinshaw University of Engineering & Technology (NED), Karachi (GPA 3.8) 1994 to 1999
- Cisco Certified Network Associate (CCNA)

Computation Skills:

- Languages :** Java (JDK2.0), Java Servlets, JavaServer Pages, Java Script, JDBC, Enterprise Java Beans, Applets, Visual C++, ,C++, C, Perl, Assembly Language and UML, Adobe Flex Builder
- Platforms :** Unix, Sun Solaris, Linux, Windows 3.1/9x/NT, and MS-DOS.
- Packages :** Rational Rose, IBM Websphere, JBuilder, Visual Café, IBM Visual Age for Java 3.0.
- Database :** Oracle 10g/8.0/7.x, MS-Access, DB2, MySql

Work Experience:**CVSSP Centre, Surrey University, Guildford, UK (Sep 10-Till Present) Demonstrator/ Support Programmer**

Currently, I am also working as a Part time Demonstrator in one of the undergrad labs i.e. First-Year C Programming Labs 10-11 and Computer graphics.

NED University of Engg. & Tech. (Jun 02-Sep 10) Karachi, Pakistan Assistant Professor/Research Scholar

I have worked in Electronics Dept. as an Assistant Professor / System Manager from the period of June 2002 till date.

My job involves

Teaching:

- Fuzzy Logic & Intelligent Control Systems: EL-5207 (M. Engg. (Electronic) Evening Program)
- Electronic Design & Control Automation: EL-5004 (M. Engg. (Electronic) Evening Program)
- Analog & Digital Electronics (Theory and Practical)
- Programming with C-language (Theory and Practical)
- Lab coordinator
- Second Year Class Advisor
- Final Year Project External Advisor
- Conducted PCB design Practicals on Orcad

Non-Teaching:

- **Manager Portal to oversee the different ongoing projects of software development and portal of the university**
- Development of IT infrastructure of the department
- Development of logical and physical specification.
- Networking of different blocks of department.
- Installation and troubleshooting of software products.
- Handling problems of LAN, WAN and Internet connectivity.
- Prepare and manage budget recommendations for technology-related purchases
- Supervision, inspection, investigation of electronic and network devices i.e. (Switches, Routers, Firewalls, Servers, Workstations and UPSs, etc.).
- Maintenance, Troubleshooting, and management of Windows NT 4.0/2000 Operating Systems include user and resource management
- Train, define tasks for, supervise and evaluate performance of Hardware & Network Technicians.
- Designing, Planning, & Support of more than 150 nodes LAN.
- Fault investigation, Fault Rectification and Preventive maintenance of electronic equipments.
- Developed Maintenance schedule of routine check, diagnostics, and periodic / preventive maintenance.

- Designing and Erection of Local Area Network (i.e. troubleshooting, cabling, testing of cables, patch panel, configuration of switches).
- Maintenance of Security and Antivirus.

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Now Technology Education Center (June 01-May 02) Chicago, IL Trainer/Technical Operation Manager

Job involved

- High-end training to professionals in Visual Age for Java, EJB, and Servlets. Swing, AWT and JDBC-
- ODBC, JSP.
- Involved in preparation of training module structures and material including taking high-end training for the experienced professional.
- Identify and communicate technical problems, processes and solutions
- Prepare reports, manuals and other documentation on the status, operation and maintenance of software
- Assist in the collection and documentation of user's requirements
- Assist in the development of logical and physical specifications
- Research and evaluate a variety of software products.

Transtrade (Pvt) Ltd. Karachi, Pakistan (Mar 98 to May 99)

Support Engineer

Title	:	Inventory Management Systems
Client	:	Transtrade (Pvt) Ltd
Software	:	Oracle (7.1), Forms (4.0), Pro-C
Duration	:	Mar 98 – May 1999
Role	:	Analysis, Design, Code, and Test
Team	:	Three.
Description	:	Inventory management systems were developed for front office. My role management in the Organization that helps in preparing Bills, Customer Enquiry's, Stock records, Salaries. Reports like Customer wise Reports, Items wise Reports are generated. Incentive is calculated for the Marketing Executives on the orders. Relational model was used in development with 3NF for entities.

Projects:

1. Two-tier C/S development: VisualAge for Java GUI - JDBC

Design and develop an Inventory client GUI applet program using the IBM VisualAge for Java IDE against an INV database, a Java application program that implements sql query statement, prepared statement, and callable statement against the INV database, and combine them into a two-tier client/database server application.

2. Three-tier C/S development: GUI - JSP, EJB - JDBC

Design an inventory main JSP page that dynamically displays a list of tables in the INV database on CS1, a list of table JSP pages to display the contents of each table, and stateless Session Enterprise JavaBean for login password **generation, validation, encryption, and comparison.**

3. Online Course Registration Using Perl-Cgi Script:

This project is designed to transform University's telephone Registration System into web based registration system. This is designed using PERL-CGI Script combination. The particular feature of this project is the automatic reply to student email address, the confirmation of course registration.

4. Document Management System for Peoria School District 150

This project is a real world project designed for the above mentioned school to manage their document system created using applications like Rational Rose, IBM Visual Age, Java & HTML.

Paper Presentations:

- The 'THE' First Operating System: Bradley University as part of a course curriculum.
- The Internet 2 Protocol: Bradley University as part of curriculum.
- System Design Engineering: Bradley University as part of curriculum

Honors and Awards:

- Academic scholarship from Bradley University.
- Distinct Class holder from NED University.
- Academic Excellence Award from Board of Higher Secondary Education.
- Member of Engineering Council of Pakistan.

References:

- Available upon request.