

ANUM ALEEM

H# CB-682/C, Near Maqbool Market, Lane 03, Gulistan Colony Rwp, Pakistan.

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CAREER OBJECTIVE:

To be a part of a dynamic team and apply all that I have learnt from academics/experiences.

ACADEMIC EDUCATION:

Master of Computer Science (MS-CS)

2018-2020 Bahria University Islamabad, Pakistan 3.58/4.0 CGPA

Main Courses | Advanced Theory of computation
Advanced Design and Analysis of Algorithms
Research Methodology
Machine Learning
Big Data Analytics
Cloud Computing
Deep Learning
Advance Digital Image Processing
Pattern Recognition

MS Thesis | Image Processing Using Deep Learning Techniques.
Research Topic: “Target Classification of Marine Debris Using Deep Learning”

Master of Computer Science (MCS)

2013-2015 BIIT, UAAR, Rawalpindi, Pakistan 3.79/4.0 CGPA

Main Courses | Computer Organization and Assembly Language
C++, C#, Java, ASP.Net
Operating Systems
Database Systems
Computer Communications and Networks

MCS Project | Guide for Hajj and Umrah an Android App with Audio, Offline Map with Animation.
Also Published on Google Play store.
<https://play.google.com/store/apps/details?id=com.paradox.trailumarhhajjguide>

2010 – 2012	Bachelor of Commerce (B.Com)	A.I.O.U	2 nd Div
2006 – 2008	Intermediate	B.I.S.E Rwp	2 nd Div
2004 – 2006	Matriculation	B.I.S.E Rwp	1 st Div

PROFESSIONAL EDUCATION:

2019 – 2020	Masters of Education (M.Ed)	A.I.O.U	1 st Div
2012 – 2013	Bachelor of Education (B.Ed)	A.I.O.U	1 st Div
2008 – 2009	Diploma in Information Technology (DIT)	P.B.T.E Lhr	1 st Div

CERTIFICATION:

2012 – 2013 Microsoft Certified IT Professional (MCITP) from MS-IT Academy (GIIT Rwp).

TUTORSHIP:

Allama Iqbal Open University. Teaching ICT Course 1431 From Last 3 Semesters

PUBLICATION:

Title: Target Classification of Marine Debris Using Deep Learning

Journal Name: Intelligent Automation & Soft Computing, **Volume 32, Issue 1, Pg Nos: 73-85**

DOI of the article: **doi:10.32604/iasc.2022.021583**

WORK EXPERIENCE:

Presently working as **Lecturer Computing** from 23rd September 2022 in **Riphah International University, Gulberg Green Campus, Islamabad**. Teaching to undergraduate students BS(CS) and BS(SE)

- Jan 2018 – Jan 2022 Served as Senior Computer Teacher in **Islamabad Model College for Girls, I-8/3, Islamabad**. (4 years' Experience) Taught Computer Science to HSSC I – II & ADP
- Dec 2015 – Dec 2017 Worked as **Lecturer & HOD Computer Science** in **Bahria College**, Naval Complex, E-8, Islamabad. (2 years' Experience) Taught Computer Science to HSSC I – II Level
- May 2011 – Dec 2015 Worked as Instructor Computer Science in Anglo Arabic School & College (5 years' Experience)
- July 2009 – July 2010 Worked as Account. Asstt in Allama Iqbal Open University Islamabad (1 year Experience)

TRAININGS & WORKSHOPS:

I have successfully conducted full trainings and workshops for Faculty from time to time to improve their skills. There are some topics mentioned below: -

I have participated in various comprehensive workshops and certified on following topics from time to time to improve my skills: -

- **“Project Based Learning”** at Bahria Institute of Teachers Training in March 2016.
- **“Educational Assessment”** at Federal Board of Intermediate and Secondary Education from 04th Dec, 2017 to 08th Dec, 2017.
- **Digital Safety Measures** under supervision of FACEBOOK in 13th Sep, 2018.

I have successfully conducted comprehensive trainings and workshops as a facilitator for Faculty on following topics from time to time to improve their skills: -

- Curriculum development
- Paper Setting / Classroom Management
- Examination System / Lesson Planning
- Know who you are (Left Brain v/s Right Brain)
- 20 Days of IT Training Workshop covering MS Win 10, MS Office 2016, Inpage, Basic Use of Internet etc.
- Successfully conducted International BEBRAS Informatics Contest over different level of Students during 2016 & 2017.

COMPETENCIES:

- Kept pace with the modern enhancements in computers
- Up to date with latest technologies.
- Good lab instructor
- Always on the run to invent new ways of doing older things.

INDUSTRIAL PROJECT:

Fluoro-Train, an Android app. A virtual lab, summarizing various experimental steps involved in the educational training program. **Published on Google Play store.**

<https://play.google.com/store/apps/details?id=fluoro.train>

ACADEMIC PROJECTS:

Guide for Hajj and Umrah an Android App with Audio, Offline Map with animation A complete guide for the people who want to perform Hajj/Umrah including offline map with animation for their guidance. The app also includes the supplication with text & audio recitation. **Published on Google Play store**

<https://play.google.com/store/apps/details?id=com.paradox.trailumarhhajjguide>

B.I.S.E System	Registration Web App	A web based system for online registration for the examination. Students can be registered online. A revenue report can also be generated for the institutions
Result System,	Compilation Desktop App	A desktop application for compilation of results of a school. Faculty add the marks of individual courses and result is compiled for whole class. It also includes different kind of reports.
Implementation of SQL Server using File Structure -Console App		An alternate of SQL Management Studio, data is store/fetch into/from text files through Insert/Select/Update/Delete SQL queries

DEVELOPMENT & TECHNICAL SKILLS:

Programming Languages & Paradigms	C C++ C# ASP.NET JAVA (Android development) Python Matlab Procedural & Object Oriented Programming
Web Design & Development	HTML, CSS, JavaScript, JQuery
Databases Systems	SQL
Tools & Technologies	Visual Studio, Eclipse, Audacity, MS Office, Inpage, Adobe Photoshop

ACHEIVEMENTS:

- Holding Teacher's, I.T Training Workshops as a Facilitator to make the teachers able to perform various tasks through MS Office, internet and Inpage.
- Developed software to automate the processes of fee system of a school.
- Compiled Results in very short time frame and error less.
- Maintaining 100% results of students in Computer Science at HSSC level & BS Associated Degree Program.

STRENGTH:

- Motivated
- Confident, Easy-going.
- Good leadership and teaching skills.
- Target Oriented
- Result Oriented Approach
- Professional
- Time Management
- Creative

LANGUAGES:

- English
- Urdu

REFERENCE:

Could be furnished upon request.