

ROHAIL QAMAR



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Career Objective

To efficiently contribute my skills and abilities to the growth of the organization and build my professional career

Work Experience

- Lecturer at CSIT Department, NED University (**Oct 2022 – up till now**)
- Lecturer at Department of Computing Hamdard University (**Mar 2021 – Oct 2022**)
- Coordinator Software Engineering, Hamdard University (**Dec 2021 – Oct 2022**)
- CTMC (Courses and Time Table Management Committee) In-charge FEST, Hamdard University (**Nov 2021 – Oct 2022**)
- Lecturer at Nazeer Hussain University (**Nov 2019 – Mar 2021**)
- Visiting lecturer at Computing Department at Hamdard University (**Dec 2020 – Mar 2021**)
- Visiting lecturer at BS-Technology at Hamdard University (**Jan 2021 – May 2021**)
- Faculty member at Aptech Computer Education (**Aug 2018 – Feb 2019**)
- Trainee Senior Management at National Refinery Limited (**Oct 2017 – May 2018**)
- Computer Operator at National Clearing and Forwarding Agency (**Jun 2011 – Aug 2017**)

Publication

- Qamar R., Asif R., Kumar P., Ali S.A. (2022) "*Framework for Mid-Air Traffic Collision Detection Using Data Analytics*". In: Kumar P., Obaid A.J., Cengiz K., Khanna A., Balas V.E. (eds) "*A Fusion of Artificial Intelligence and Internet of Things for Emerging Cyber Systems*". Intelligent Systems Reference Library, vol 210. Springer, Cham. https://doi.org/10.1007/978-3-030-76653-5_24

Software Programming Skills

- | | | |
|--------------|---------------------|-------------|
| ▪ PYTHON | ▪ SQL SERVER | ▪ BOOTSTRAP |
| ▪ FLASK | ▪ MATLAB | ▪ C/C++/C# |
| ▪ POSTGRESQL | ▪ HTML-5/CSS-3 | ▪ JAVA |
| ▪ ML/DL | ▪ JAVASCRIPT/JQUERY | ▪ MS-OFFICE |

Core Teaching Expertise

- Artificial Intelligence
- Machine Learning
- Database Systems
- Discrete Structures
- Compiler Construction
- Programming Fundamentals
- Object Oriented Programming
- Data Structures
- Data Mining
- Data Analytics

Achievement

- Computer Science Departmental representative at **NHU**
- **Gold Medalist** on procuring **highest CGPA** in Computer Science department
- **Distinction** on securing **4.00 GPA** in semester 3rd, 7th & 8th
- **Scholarship** awarded in semester 4th, 6th & 7th

Academic Qualification

- Ph.D. in Computer Science from NED University in progress
- MS (DEIM) from NED University **CGPA "3.43" (2018-2020)**
- BS (CS) from Hamdard University (UIT) **CGPA "3.95" (2013-2017)**
- HSC from Intermediate Board, Karachi **Grade "A" (2010-2012)**
- SSC from Matric Board, Karachi **Grade "A" (2008-2009)**

THESIS & FYP

- Flight Traffic Collision Avoidance System Using Data Analytics (Thesis)
- 3D Scanning of Archaeological Objects (FYP)
- Lungs Segmentation (Indus Hospital) [<https://goo.gl/AxgE6P>]

Certifications

- AZ-900 Microsoft Azure Fundamentals
- Python and Introduction to Data Science from Udemy.com
- Aptech Certified Trainer
 - SQL Server 2016
 - Java Fundamentals
 - Programming Fundamentals
 - Office – 2013
- Web Designing from Aptech
- Typing Course from Farooq Foundation Commercial Institute
- Short Hand Course from Farooq Foundation Commercial Institute