

MAHNOOR MALIK

Lecturer, NEDUET

CONTACT DETAILS

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About me

A Computer and Information Systems Engineer who is highly adaptable to quickly changing technical environments with strong analytical skills.

EDUCATION

MEngg. in Computer Networks and Systems Security from NEDUET.

Year: 2021

CGPA: 3.88

B.E. in Computer and Information Systems from NEDUET.

Year: 2017

CGPA: 3.705

Intermediate in Pre Engineering from BAMB PECHS Government College For Women.

Year: 2013

Percentage: 85.27%

Matric in Science from Little Folks School.

Year: 2011

Percentage: 92.35%

Work Experience

Lecturer at CIS, NEDUET from April 2022 - Present

Research Associate at NCBC, NEDUET from May 2019 - April 2022.

Research Assistant at HPCC, NEDUET from Nov 2018 - May 2019.

Associate Software Engineer at SYSTEMS LIMITED from Jan 2018 - Oct 2018.

Intern at Research Center for Artificial Intelligence from Apr 2017 - June 2017.

Researched and wrote blog posts on technical topics for websites.

Research/Software Projects

- **Depwisen**

Depwisen falls under the theme of Climate Change identified in the Pak-UK Innovative and Collaborative Research Grant (ICRG) call and is funded by British Council and Higher Education Commission Pakistan.

- **OBE Management System**

A cloud-based management system that facilitates institutions to manage the quality of education using outcome-based education methodology.

- **Log Maintenance for Gallery Access through custom Android firmware - ISP**

A custom android firmware that maintains a log of the event each time the gallery is accessed by any android application.

- **R-SoftPosit: R-based Software Implementation for Unum Posits**

A project that introduces Posits in the R environment. The developed R package is available on Github.

Github: <https://github.com/HPCC-UNUM/SoftPosit>

- **Cold Chain Issue Management System (CIMS) - UNILEVER**

A project that logs and manages the activity lifecycle of all the complaints related to the cold chain. The project belongs to **Systems Limited** and was in production for **UNILEVER**.

- **SYSHCM (Human Capital Management System)**

A product that includes all the modules i-e payroll, attendance, employee self-service portal, recruitment, etc for a Human Capital Management System. The product belongs to **Systems Limited** and is currently in production for various clients.

- **Urdu Language Translator using Deep Neural Network**

The project is divided into three main modules i-e Automatic Speech Recognition, Machine Translation, and Text to Speech engine.

Other Achievements

AWS Accredited Educator for AWS Academy at NEDUET.
Certified Cloud Practitioner.

Skills

Languages

Java, C++, C, Dart, R, Javascript, HTML, CSS, Python.

Frameworks

Spring Boot, Flutter.

Tools & Technologies

Amazon Web Services, IBM Watson, Microsoft SQL Server, MySQL, Matlab, Latex, SWIG, CMU-Sphinx, Crystal Reports, KeyCloak, Arduino, RStudio.

Other

Technical Content Writing.

Teaching Experience

Conducted CCN labs in Electrical Engineering Department.
Android Application Developer Instructor for GIZ.

Publication

Urdu Language Translator using Deep Neural Network

Journal: Indian Journal of Science and Technology

Year: 2017, Volume: 10, Issue: 40, Pages: 1-7