Mohd Mohtashim Nawaz

Student
B.Tech (IT) & MBA
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Skills

Programming
Android Development
Software Engineering
Network Programming
Machine Learning & Data Analysis
Financial Analysis

Languages & Tools

Languages: C/C++, Java, Python, MySql.
Libraries & Frameworks: Scikit-learn, ns-3, Pandas, Numpy, Matplotlib, Seaborn.
OS: Linux, Windows.
Others: Android Studio, Firebase, Jupyter, MS-Excel.

Education

2017-2022
B.TECH (IT) & MBA
Indian Institute of Information Technology, Allababad
CGPA : 7.93/10

2014-2016
INTERMEDIATE
Shri Gulab Rai Montessori Sr. Sec School, Bareilly
Percentage: 94.8%

2014
HIGH SCHOOL
Bishop Conrad Sr. Sec School, Dohna
CGPA: 9.8/10

Experience

24 May, 2021-23 July, 2021 **Samsung Research Institute, Banglore** **Student Trainee**

Developed a framework for networking algorithm testing.

Network Programming, ns-3, C/C++

Projects

Seguro **Android Studio, Java Spring, MySql**

A navigation-based mobile application aimed at providing the users the safest path to travel from one location to another.

Credit Card Fraud Data Analysis **Python, Scikit-Learn, tSNE, PCA**

Analyzing credit card fraud data by using techniques to deal with class imbalance data and visualizations using dimensionality reduction algorithms (tSNE and PCA).

Text Detection In Distorted and Recaptured Images **Python, PSENet, Image Processing**

Text detection in distorted and recaptured images using noise removal and preprocessing techniques combined with deep learning PSENet algorithm. Also, created a new test dataset of 275 images (126+149) of distorted and recaptured images.

PassSafe **Android Studio, Cryptography**

A mobile application to store passwords secure under a master password. A cryptographic hash of the password is stored. Available safe password recommendation based on a cryptographic hash.

Others

PCIL-IDS **Partial Consensus and Incremental Learning-Based Intrusion Detection System.**

An effective and lightweight intrusion detection system for network security combining incremental learning and a lightweight consensus algorithm.

Achievements/Awards

- PCIL-IDS accepted at 2nd International Conference on Cybernetics, Cognition and Machine Learning, Goa, India.
- Seguro was selected and funded under the NewGen IEDC and stood third among the most innovative projects in the college.
- Participation and awards in tech-events.