


PERSONAL INFORMATION

Abeera Rehman

 Karachi, Pakistan, Karachi (Pakistan)

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WORK EXPERIENCE

06/2019 Associate Software Engineer

Systems Limited, Karachi (Pakistan)

Demandware, Salesforce Commerce Cloud

Salesforce CRM Cloud

EDUCATION AND TRAINING

2015–2019 Bachelor's Degree in Computer Science

FAST - National University of Computer and Emerging Sciences (NUCES), Karachi (Pakistan)

2013–2015 Higher Secondary Education

Aga Khan Higher Secondary School, Karachi (Pakistan)

2011–2013 Secondary Education

North American Grammar School, Karachi (Pakistan)

PERSONAL SKILLS

Organisational / managerial skills**FINAL YEAR PROJECT:**

Learning Imbalanced Dataset using Differentiated Regularization of the Loss Function
Combined discriminative learning with cost sensitive learning and presented a novel loss function evaluated on fraud detection datasets.

Student Integrated Management System (SIMS)

Android based application for student management system.

Modified K-Nearest Neighbour

Implemented Modified K-Nearest Neighbour and evaluated it against K-Nearest Neighbour.

Anomaly Detection

Applied ensemble learning to Mawi dataset for malware detection.

Proxy Server

Proxy Server supporting caching and filtering in Java.

2-3 trees vs AVL Tree

Implementation and comparison of time complexity on insertion and search in JAVA.

Cython–

Implementation of Python-like dynamically typed Generic Data Structure in C++.

S-Com

Desktop application build on PyQt to send emails and text messages to a customized group of people.

Password Manager

Developed a password manager in python using cryptographic primitives.

Job-related skills

Python, C++, C#, JAVA, XML
PL/SQL, MySQL, Oracle

Keras, Pytorch, Scikit-Learn, C, LaTeX, Word

HTML, JavaScript, PowerPoint, Excel