Muhammad **Sannan**

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OBJECTIVE

Seeking a challenging career with a progressive organization that provides me an opportunity to utilize and enhance my experience and potential in the field of Cloud Computing

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WORK EXPERIENCE

Sep. 2019 – Jan. 2020

Cloud Trainee Engineer, Broadpeak Technologies
Responsibilities:
- Troubleshoot and provide technical support to client side
- Maintaining and taking backup of Sophos (firewall)
- Docker, Docker file, Docker Image
- Knowledge of Git, CI/CD

Jun. 2018 – May. 2019

Research internee, National Centre of Big Data and Cloud Computing (NCBC)
Responsibilities:
The Higher Education commission funded research lab focuses on applied research in the field of Data Analytics and Cloud Computing
My work as internee revolved around:
- Multimedia streaming on Amazon Web Services
- Perform Traffic characterization and analytics on Camlytics

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EDUCATION

2015 - 2019

Bachelor of Science – Computer Systems Engineering,
University of Engineering and Technology (CGPA: 3.29)

2013 - 2015

A' levels, Pre-Engineering, Edwardes College

2010 - 2013

O' levels, Sciences, Edwardes School

Relevant Projects

UAV Based Remote Sensing System (HEC Funded Final Year Project)
UAV (Unmanned Aerial Vehicle) plays an important role in various applications, particularly for monitoring and surveillance of areas. We have used UAV for Intelligent Transportation System, in urban areas to determine traffic

pattern over a section, via video streaming with the use of raspberry pi to **cloud (Amazon Web Services)** and performing data analytics on it using camlytics.

Face Recognition in Amazon Web Services using Raspberry pi
Developed this project as part of my *Cloud Computing* course. Raspberry pi 3b was used to live stream video to Amazon Web Services using AWS service *Kinesis* and match face of the people in video with the faces stored in *S3* bucket using *Rekognition* service and return the result of similarity and other face features like age and gender on the terminal.

Blood Donation App
Developed this project as part of my *Database Management System* course. This application was developed for the welfare of the society, in which a person will register himself and could become a donor or recipient depending on the person needs. Functionality added in app were sending requests to donor, donor accepting or rejecting the request, setting an appointment with recipient, searching donors on the basis of blood required and nearby location.
Tool used: Android Studio

Airline Reservation System
Developed this project as part of my *computer programming* course. We developed a program in which we created all the main functionalities of Airline system like user database, booking, seating arrangement of passenger in plane, ticket generation and cancellation of a ticket.
Tool used: Code Blocks and C++

Skills	**Programming:** C, C++, C#, OOP, MySQL **Soft Skills:** Relationship builder, Team player

Volunteer Work	**Google Business Group -** Core Team Member **Computer Society UETP -** Executive Member **The Duke of Edinburgh -** Silver & Bronze Standard