

# Afnan Amin Ali

<https://github.com/AFNANAMIN>

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## Education

2016–2020 **Bachelor**, *Ned, Computer System Engineering*—CGPA:3.689.

2015–2016 **Inter**, *Sir Syed*—GRADE:A1.

2014–2013 **Matric**, *Muhammadi Public School*—GRADE:A1.

## Experience

2019 **RESEARCH- ASSISTANT**, *Ephulux*.

Works in different research projects of machine learning in medical sciences.

2018 **INTERN**, *Love for Data*.

I worked there on image processing and develop applications related to it. Two major applications are cow recognition system and object detection app using Tensorflow Lite

2019 **INTERN**, *Xekera Systems*.

Develop sales analytic dashboard for circuit.pk using Rshiny. online available at <https://afnanaminali.shinyapps.io/tryonemore/>

## Projects

2020 **DIABETIC RETINOPATHY DETECTION** .

Major focus on how to preserve data using different privacy preserving techniques. Further used flask for application deployment

2019 **OPTIMIZED IMAGE PROCESSING ON FPGA** .

Works on PHD project of out teacher to optimized the delay in BRAM using verilog

2019 **GROW GREEN WEB APP**.

Develop in JAVA SCRIPT using MAPBOX API. Purpose of this project is to grow plants online though web to any location

2018 **GARDEN SURVIVE**.

Made in php its provides online services for gardners like careem

2018 **WORD SEARCH GAME**.

Made in c++. For graphics we use SFML Library of C++

2018 **SEQUENCE DETECTOR**.

By using mealy method we detect the sequence of 5 bit

2017–2018 **EMOTION RECOGNITION CHATBOT**.

Develop in Nodejs and deploy on RASPBERRY PI

2017 **ONLINE TEST SYSTEM**.

Made in c++.

2017 **LIBRARY MANAGEMENT SYSTEM**.

It develops in OOP(C++) AND it's console application made on Visual Studio

## 2017 **RC BLUETOOTH CAR.**

An Arduino project, to control the car with Android-device .

### Award

RCAI-NED Win third price in SIFIVE hackathon

### Volunteer Experience

2020-Present **CO-FOUNDER**, *Esoftx.Ai*.

The initial plan is to group and promote each dev community we already have and bring the leads related to AI, Robotics, Technews, etc, to collaborate and work together for workshops and training sessions while also highly focusing on computer science students in universities and how we can mentor them better

2020 **Speaker**, *Artificial Intelligence Club*.

Conduct webinar and training session on computer vision and its applications

### Certification

Course Era Machine Learning, Deep Learning

NED 5 days Android Workshop

RCAI-NED Machine Learning Workshop

Pakistan.Ai Data Science course

EDVON Raspberry pi course

Sir Syed CCNA Networking Training, PHP

### Languages

Data Science R, Python

Backend C++, Php

Database MySQL

Other Nodejs, Matlab, Verilog

### Social Profile

Linkdin <https://www.linkedin.com/in/afnan-amin-a49509151/>

### About me

I have a lot of determination in my goals and among them are acquiring greater professional knowledge, learning from a team of professionals and being able to pass on that knowledge acquired further when necessary.