

# ALI ATHER

## EDUCATION

2017-2021

### BACHELORS OF SCIENCE IN COMPUTER SCIENCE

National University of Sciences and Technology

School of Electrical Engineering and Computer Science

- CGPA:3.59/4.0

2015-2017

### A LEVELS

Bahria College

- 3A\*s

## WORK EXPERIENCE

### DEVOPS INTERN

#### SOLUTIONS ENGINEERING TEAM

Xgrid.co

Sep 2020 - Oct 2020

Islamabad, Pakistan

Shifted the in-house services of Xgrid to AWS, setting up a Hybrid architecture.

Major role responsibilities included:

- Upgrading the in-house services (Gerrit, Jenkins and Kubernetes)
- Deploying the updated services on AWS
- Setting up a Hybrid Architecture with the services running on AWS to ensure provision of services even in case of a failure

### RESEARCH ASSISTANT

#### AUTOMATIC SPEECH RECOGNITION

TUKL - NUST Research & Development Center

June 2019 - Sep 2019

Islamabad, Pakistan

- working with Kaldi - open-source speech recognition toolkit written in C++ for speech recognition and signal processing.

### DATA SCIENCE INTERN

Zong CMKPak Ltd

June 2019 - Sep 2019

Islamabad, Pakistan

- An internship in the area of Data warehousing and Analytics.
- Analysis of customer data and client queries
- Interaction with databases
- Predicting churn in data science department

### FREELANCER

Fiverr and Upwork

2017 - Present

- Web development
- Automation and Scripting
- Server/Client Applications
- Data Analytics Projects
- Machine Learning Projects

## EXTRACURRICULARS

### JOINT SECRETARY SPORTS

NUST Student Government Association

### DIRECTOR - SPORTS SUBSIDIARY

NUST Student Government Association

## SKILLS

Big Data, Node, React, Python/Java/C++, Express,

Tableau, Docker, Kubernetes, Image processing,

Data Analytics, MERN, MySQL

## CONTACT DETAILS



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Islamabad Pakistan



<http://aliather.me>



[linkedin.com/in/ali-ather/](https://www.linkedin.com/in/ali-ather/)

## CERTIFICATIONS

### TABLEAU DESKTOP SPECIALIST

Tableau Desktop Specialist Exam, July 2020

### TABLEAU ANALYST

Tableau Software, July 2020

### TABLEAU AUTHOR

Tableau Software, July 2020

### PYTHON FOR DATA SCIENCE AND AI

IBM Coursera, July 2020

### DATABASES AND SQL FOR DATA SCIENCE

IBM Coursera, July 2020

### CLOUD CORE

IBM, July 2020

### ULTIMATE AWS CERTIFIED CLOUD PRACTITIONER

Udemy, July 2020

### BIG DATA

Dice Analytics, Oct 2019

### THE COMPLETE NODE.JS DEVELOPER COURSE

Udemy, June 2020

### DATA SCIENCE TOOLS

IBM Coursera, May 2020

### DATA SCIENCE METHODOLOGY

IBM Coursera, May 2020

### NEURAL NETWORKS AND DEEP LEARNING

Coursera, July 2020

## PROJECTS

### Rouloc (FYP - Ongoing)

ML based Photo Editing App

Python | Keras

- The application trains itself on user's editing preferences for pictures of different context to suggest future edits
- Uses concepts of Clustering, Transfer Learning and Feature Extraction

### AI based Face Mask Detector

Python | PyTorch

- Detects whether a person in an image is wearing a mask or not, and whether the photo is of a human or not

### POS Web App

Web Development | MEAN Stack | Express | MongoDB

- A food ordering web app that also generates invoices in PDF format

### Diglot Weave

Python | Translator API

- A translation dictionary application that helps user learn different languages

### Story management System

React Native | AsyncStorage | Android Studio

- An android application for posting pictures as stories

### Movie Search System

C++ | linked lists | Hash Tables

- A movie look up system using linked lists and Hash tables in C++