

Rana Ali Azhar Khan

Curriculum Vitae

Razi II, National University of Sciences and Technology, Sector H-12, Islamabad, Pakistan

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WORK EXPERIENCE

AbbVie Inc.

INTERN

June 2018 - Present

- Working on workflow automation platform in Angular CLI and .NET

TUKL-NUST Research Lab

RESEARCH INTERN

July 2017 – March 2018

- Used NVIDIA DIGITS Framework and Jetson TX1 for Roadway related tasks
- Analyzed SOTA deep learning models with Keras

Bank of Punjab

IT INTERN

Aug 2016 – Sep 2016

- Worked with Oracle Database

SKILLS

Languages: Python | C# | Java | C++ | Typescript

(In descending order of expertise)

Tools: Tensorflow | Keras | Angular CLI | NVIDIA DIGITS | VIM | YOLO | OpenCV

MOOC COURSES

CS 229 - Machine Learning

BY ANDREW NG - STANFORD

CS 231n – Convolutional Neural Networks

BY ANDREJ KARPATHY - STANFORD

PROJECTS

Sign Language Recognition App

Translate American Sign Language to text natively on android

TENSORFLOW, ANDROID

Kill Thirst

A Whack-a-mole inspired first person shooter with multiple stages

USED GLUT, AN OPENGGL LIBRARY

QR Code based Attendance System

Save class time by marking student attendance with QR code

MACROS WRITTEN IN VISUAL BASIC

Multiplayer Ludo

Play Ludo with computer or with 1 -4 friends online

SFML LIBRARY, SOCKET PROGRAMMING

Parley

Question Answer website focused at students and learning

MYSQL, PHP

WikiSearch

Search engine for Wikipedia with crawling, scraping, indexing

LEXICAL ANALYZER, C++, PHP

Distance Vector Routing Protocol

Used Bellman Ford Algorithm to converge nodes to shortest paths

PYTHON

Student Application Center

Working with HoD to implement online system for catering applications

PHP, MYSQL, AJAX, BOOTSTRAP

EDUCATION

SEECS, National University of Sciences and Technology

B.S. IN SOFTWARE ENGINEERING

Sep 2015 – July 2019 (expected)

CGPA: 3.56