

Rana Ali Azhar Khan

Research Intern

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WORK EXPERIENCE

TUKL-NUST Research Lab

RESEARCH INTERN

July 2017 - Present

- Working on Recommender Systems
- Used NVIDIA DIGITS Framework and Jetson TX1 for Roadway related tasks
- Worked with Deepmask, Sharpmask, YOLO, DarkNet
- 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++ | JavaScript | HTML | CSS | MatLab

Libraries: YOLO | DarkNet | Sharpmask | TensorFlow | JQuery | Keras

Software: Android Studio | Xamarin Studio | Unity Engine | NVIDIA DIGITS | Adobe Illustrator

COURSES

Machine Learning

BY ANDREW NG - COURSEERA

CS 231n

BY ANDREJ KARPATHY - STANFORD

CS 231n

BY RICH RADKE - RENSSELAER

POLYTECHNIC INSTITUTE

CS 229

BY ANDREW NG - STANFORD

Learning from Data

BY YASER S. ABUMOSTAFA - CALTECH

Introduction to Recommender Systems

BY UNIVERSITY OF MINNESOTA

PROJECTS

Kill Thirst

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

USED GLUT, AN OPENGL LIBRARY

Barcode Attendance System

Save class time by mark student attendance with barcode scanning

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: 3.65