MEMONA SULTAN

Software Engineer

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EXECUTIVE SUMMARY

Technology enthusiast, self-motivated, hard worker and a very quick learner. Always eager to learn new technologies. Strong believer in project delivery & attaining success in challenging tasks with a passion to explore the new horizons of modern days Technologies & Architectures.

WORK EXPERIENCE (1.5 Year)

Software Engineer at Xavor Corporation
July 2019 - Present
- Working in multiple IoT based products, Responsible for multiple POCs and proposals
- Working in multiple projects & products. Apart from this I'm also responsible for requirement gathering and making sure we follow best practices according to projects.

FullStack Developer at Depository Works
October 2018 – June 2019
- Involved in Product Development, Product Enhancement, Client dealing

PROJECTS

Hand Gestures Recognition (10 classes)
Hand gesture recognition system which classifies gestures with 91% accuracy using AlexNet.

Transfer Learning & Fine Tuning
Applied transfer learning and fine tuning using VGG-16 on publicly available famous kaggle dataset (cats vs dogs) achieved 98% accuracy

ResNet Implementation
Implemented ResNet from scratch.

Object Detection
Implemented yolov3 in keras and ran object detection on publicly available coco dataset.

Spam Email Classification
Implemented spam email classification using SVM. Achieved 98% accuracy

Baby Monitor
Implemented motion detection with alarm beeping if some movement is detected in live camera feed.

ACHEIVEMENTS
- Silver Medalist (Second Position Holder in Lahore Board in Matriculation) - 2013
- Winner of "Clash of Coders" in SoftExpo'17 at PUCIT
- First Runner up in ICPC SOFTCOM'18 at GIKI
- Winner of Speed Programming in UCP TAAKRA'18
- Runner up of "CATCH A BUG " at NUCES LAHORE in GEEKWEEK'18

EDUCATION

BS Software Engineering (2015 - 2019) Current CGPA: 3.5
    Punjab University College of Information Technology

Intermediate in Computer Science (2013 – 2015) Percentage: 89%
    Punjab Group of Colleges (Lahore Board)

Matriculation (Humanities Group) (2003 – 2013) Percentage: 92% (Silver Medalist)
    Najaf Ideal High School (Lahore Board)

Skills

Computer Vision: Motion Detection, Edge Detection, Image Processing, Object Tracking

Machine Learning: Classification, Regression, SVM with all kernals, Neural Networks, Clustering

Deep Learning: Classification via CNN, AlexNet, VGG16, ResNet, inceptionNet, Transfer Learning, Fine Tuning, Object Detection via YoloV3

Python: Web development via Django/Flask frameworks, Scripting, Web Scrapping

Node: Web development via ReactJS, Express, Handlebars, Redux

.Net Core: REST APIs development, MVC, Web development

Sharepoint: Custom webparts development via SPFx Framework

SQL: SQL Server / Oracle/ MySql / PostgreSQL

NoSQL: Firebase/Azure CosmosDb, MongoDb

Certificates
Machine Learning by AndrewNG
Coursera – 2020

Languages
English, Urdu, Hindi

Interests
Reading, Exploring new technologies, Internet browsing