Muhammad Owais Raza Software Engineer

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📍 SUECHS Jamshoro, Sindh Pakistan

Professional Summary

I am Software Engineer I have been working with Javascript to create web and mobile application I have experience of creating web application using React Js and Node js and mobile application using React Native, I have also been working on machine learning using python, I have published 5 research papers as well.

Education

Bachelors (B.E) in Software Engineering 2015-2018

Mehran University of Engineering and Technology, Jamshoro

Masters (M.E) in Software Engineering 2019-2020

Mehran University of Engineering and Technology, Jamshoro

Experience

Proctor Internship in Codex Innovation Center Hyderabad, SINDH – PAKISTAN	2018
Teaching Assistant at MUET Jamshoro	2019-2020

Projects

- **KodeClass**
  An interactive to teach programming that includes collaborative text editor that can run html and javascript code a whiteboard and collaborative video player
- **Security monitoring using face recognition and object detection**
  This is python based project that uses state of art face recognition and object detection technology in security monitoring for detection of potential threat scenarios
- **Cyberbullying detection in online social commentary using adaboost and voting classifier**
  This is machine learning project in which i am trying to create a supervised machine learning model to detect cyber-bullying in online commentary
- **Activity Recognition from mobile sensor using machine learning**
  Machine learning Api for detecting activities such as sitting, walking, standing
- **Burger Builder Using React**
  Web interface for creating customized burger using react
- **Drought Detection using satellite Imagery**
  Web application to detect drought using satellite images
- **Resume Classification using machine learning in python**
  This was a machine learning project in which i have used python and sklearn to create a predictive model from classification of resumes
- **Shop managment system**
  A shop managment system using java swing and mysql applying DAO design pattern

- **Cuisine Recognizer**
  It was a image recognition software that identify dish from image it was working on 5 classes of dishes. It was built using python
- **Distributed web application for degree verification**
  This is distributed application that uses node js as its backend and is used for degree verification that can be used by universities and organization overseeing universities.
- **Face Recognition System**
  A face recognition system using python and opencv using eigenface algorithm

Honors and Awards

- Regional 2nd Runner-Up at Microsoft Imagine Cup 2020
- 1st position ITEC'18 Techera
- 2nd Position in C-cube project exhibition
- First position TechIdea in TechArena
- 2nd Position in open day project exhibition
- Runner Up at Poster Exhibition

Publications

- **Detecting Cyberbullying in Social Commentary Using Supervised Machine Learning**
  Advances in Information and Communication, pp.621-630
- **Wireless Body Area Network: Architecture, Standards, Challenges, and Applications**
  IJCSNS
- **Application of facial recognition and object identification in security surveillance**
  4th MDSRIC
- **Adaptive Interface for Multi-users and Its Evaluation**
  IJCNS
- **Resume Classification Using Machine Learning**
  INCCST19

Skills

Technical:

Javascript	Core Javascript	Sklearn
React Js	Babel	Bootstrape
Express Js	Webpack	JQuery
Mongo DB	Socket Programming	Material UI
React DOM	OOP	Core-UI
HTML/HTML5	XML	Core Java
CSS/CSS3	Python	AJAX
Node js	Machine Learning	

Personal:

Strong Communication skills | SRS Write Up | Team Working | Motivated for Social Cause | Time Management |Problem Solver