Muhammad Salman Anjum

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Personal statement

I am looking for an organization that provides an atmosphere of continuous learning, wherein, I can show my talent and potential and be able to effectively utilize skill, enjoying the company of professionals to creatively contribute to the growth of the organization.
I have learned many new things during my education period. I learned many computers languages and many frameworks which helps to do the tasks. In my final year project, we were the group of five, we have to do the autonomous navigation of flying robots. I am skilled in deep learning and machine learning algorithms and did many tasks as the hobby.

Education

(2014 – 2018)
BSc (Hons): *Software Engineering*
Punjab University College of Information Technology - Quaid-I-Azam Campus
Lahore, Punjab, Pakistan
 (2012 – 2014)
Inter: *F.Sc. (Pre. Eng.)*
Fazaia Intermediate College
Lahore, Punjab, Pakistan

Skills/Tools

- Flight Controls
- Chatbot building
- Filtering Techniques (EKF, KF etc.)
- Gazebo simulator
- VSLAM, MonoSLAM, PTAM
- Machine Learning and Deep Learning.
- Natural Language Processing
- NLTK (Natural Language Tool kit), Spacy.
- Tensor Flow, Keras, MATLAB
- Information Extraction, Classification, Perception.
- Pandas, Sklearn, Matplotlib, Seaborn
- ES6, JSX, Carbon Design Patterns, Ant Design Patterns

- C
- C++
- Python
- JAVA
- HTML
- CSS
- JavaScript
- REACT
- REDUX
- C#
- Django
- Django REST Framework
- ROS (Robot Operating System)
- AWS Lex, Lambda
- DialogFlow

Projects

- **VWHRMS** a HR management system which helps the users to manage the resources. It was composed of leave management system, timesheet management, attendance management and resources management. In this project I have to manage all backend and create API's on permission bases. And the interface was built using the REACT library and have to manage the redux cycle.
- **Zoefit.Ai** an app for a health and diet fitness tracking. This app has the deep learning of foods, exercise and health tracker. This app has following tasks: Information Extraction, Named Entity Recognition, Sentiment Analysis, Text Classification etc.
- **Telegram Bot** It is a bot for customer service and marketing the product to the customers. It provides a way for the customers to interact with the System.
- **Autonomous Navigation of Flying Robots(FYP)** An implementation of SLAM algorithm on flying robots i.e. AR-Drone. This problem was related to the autonomous flying of drones, as for the robots, they have to get the data continuously for localizing and mapping. For this, we have to apply filtering techniques which will filter out the data of robots for localization and mapping. The program is built using ROS (Robot Operating System); a python based framework.
- **Hepatitis Domain** It is a case study where we apply many algorithms on a Hepatitis's patient data to predict whether they will live or not.
- **Notes Application** The project basically is an Android application that use to write small notes.
- **Ticket Booking System** The project basically is a web project and we have implemented a module of flight ticket reservation. The system was built using.Net Framework.
- **Chat Messenger** A python based desktop application which is done using socket programming.
- **Hostel Management System** A JAVA based desktop app (A system for the student, employee, and superintendent).

Work Experience

NOVEMBER 2017-AUGUST 2018
Python Developer | AppifyTech | Lahore, Punjab
- Create word vectors for various data sets using many libraries.
- Perform the tagging with NER tagger and extract the information from the tagged data.
- Create API's which returns the tagged data.
- Create chatbots for Telegram using open source library.
- Build a chatbot using AWS Lex Platform and attach on webpage using JavaScript.
- Build a chatbot using DialogFlow and attach with Telegram

SEPTEMBER 2018-NOVEMBER 2018
Associate Software Engineer | VodWorks | Lahore, Punjab
- Create REST API's using Django Framework.
- Create views and frontend using REACT library.
- Do Full Stack Development in agile environment.
- Build record and mange in MySql for the users.

Interests

I am fond of Sports, Especially Football and Cricket. I have an affection for Technology, News and Sports blogs and a strong liking for documentaries based on a wide range of topics, including Art, History, and innovation.

References

References are available on request.