MUHAMMAD USAMA SALEEM

MACHINE LEARNING EXPERT / COMPUTER SCIENCE ENGINEER
FRONTEND SPECIALIST

CONTACT ME

PHONE :
+92 336 7295432

E-MAIL :
somieeee@outlook.com

ADDRESS :
59, Street 16, F-11/2
Islamabad

EDUCATION

2016-2019

O / A LEVELS

FFC Grammar School & College
FFC Township, Goth Machi

2019-2023

BACHELOR IN AI

National Univeristy of
Computers & Emerging Sciences
(FAST)
Islamabad, Pakistan

EXPERTISE

- COMPUTER LANGUAGES
- OBJECT-ORIENTED METHODOLOGIES
- GRAPHIC DESIGN / VIDEO DESIGN
- EVENT PLANNING / TEAM MANAGEMENT
- LEADERSHIP
- MACHINE LEARNING / DEEP LEARNING
- DATABASE MANAGEMENT
- COMPLEX PROBLEM SOLVING

PERSONAL

My name is Muhammad Usama Saleem. I am from a small army township located in lower Punjab. Since 2 years I am working as a ML Expert & Frontend Developer with various small startups and software houses. Have developed and designed many websites and projects. I have also been working on Fiverr & Upwork from the past two Years.

I have done my O/A-level from FFC Grammar School, Goth Machhi. Currently I am enrolled in a Bachelor's degree in FAST Univeristy, Islamabad. I am doing my majors in Artificial Intelligence. Being self-taught and having the adventurous trait I have always tried to explore new ideas and projects to grab them all into my to-do list. I am consistent in reaching my commitments before the deadlines. I never give up until I reach my goals.

WORK EXPERIENCE

JUNIOR WEB DEVELOPER   JUNE - NOV 2020

REDOT SOLUTIONS | LAHORE, PAKISTAN

Worked for two months as an intern. developed and designed five websites for clients from USA, Australia, Canada and New Zealand. Polished my Frontend skills here and learned how to lead a team. My skills here include React.JS, Shopify, BootStrap, & WordPress.

MACHINE LEARNING INTERN   NOV 2020 - FEB 2021

MICRONIX | LAHORE, PAKISTAN

Helped create beautiful user-friendly API's & worked with the team on various other automated systems that required machine learning algorithms expertise. I was also a part of their product development team.

SKILLS

- ADOBE PHOTOSHOP
- ADOBE ILLUSTRATOR
- HTML / CSS / JAVASCRIPT
- SQL / WEB SCRAPPING
- SASS / GIT
- SONY VEGAS / ADOBE AE
- C++ / PYTHON / C#
- BOOTSTRAP / WORDPRESS

REFERENCE

MOHIB HAMEED
PARTNER
MICRONIX | LAHORE, PAKISTAN
E-MAIL :
mohibhameed.com1904@gmail.com

TAIMUR MUHAMMAD KHAN
FRIEND
ISLAMABAD, PAKISTAN
E-MAIL :
taimurmuhammadk@gmail.com

UMAIR ARSHAD
LECTURER
FAST UNIVERSITY | ISLAMABAD, PAKISTAN
E-MAIL :
umair.arshad@nu.edu.pk

💼 PROJECTS COMPLETED

SPEECH EMOTION RECOGNITION SYSTEM (PYTHON)

Designed and developed a complex speech emotion recognition system that used the SKLearn Python Library to accurately identifty 8 types of speech emotions from any MP4/WAV test file given.

GENDER DETECTION FACIAL RECOGNITION SYSTEM (PYTHON)

Designed a complete automated agent that uniquely identified the gender of any human/animated face by extracting different features using different Python libraries and performing various calculations on the dataset.

TIC TAC TOE AI AGENT (PYTHON)

Made an Intelligent TIC TAC TOE computer agent in Python. The agent played with the user and used special machine leanring algorithms like Linear Regression, MinMax algorithm and Alpha-Beta Pruning to always win or draw the game. The agent classified only the moves that were in its favour on every move of the user (greedy).

ALARM APP

An android developed app in Flutter that gave notifications about already set alarms and features to add, delete and create alarms. It also had an option for custom alarm tone.

FIT ME APP (FITNESS TRACKER)

Created a complete fitness tracking application with database implementation in MySql. Also linked in a complete website with 10+ webpages with eye catching UI. The app used ANN to provide users with best fitness plans based on their weight, BMI and height.

CANDY CRUSH CLONE & LUDO

Developed both of these games with beautiful UI using Object Oriented Programming and Operating Systems expertise. Ludo was implemented using multi-threading concepts using semaphores with multiplayer option. Candy crush used inheritance and concepts of polymorphism.

CHATBOT USING AIML

Implemented a complete embedded chatbot for pocketproperties.com to assist the website viewers with first step services with FAQs. The bot also sent the chat history if needed to the user's email.

AUTOMATIC ATTENDANCE SYSTEM

Implemented an automatic attendace system that automatically detected the right face from a webcam and marked attendance for the specific person. The agent used classification properties to extract features from the face. It also notified about specific people not present on a particular date. The faces had to be fed to the system as training data.

⚙️ COURSEWORK   🎖️ CERTICATIONS

- PROGRAMMING FUNDAMENTALS

- OBJECT OPRIENTED PROGRAMMING

- DATA STRUCTURES

- OPERATING SYSTEMS

- PROGRAMMING FOR AI (PYTHON)

- DATABASE MANAGEMENT SYSTEMS

- DESIGN & ANALYSIS OF ALGORITHMS

- MICROSOFT OFFICE SPECIALIST 2010/16

- PYTHON FOR EVERYBODY (COURSERA)

- IBM AI SPECIALIST (COURSERA)

- ICPC BY ACM 2019

- NDG LINUX UNHATCHED (CISCO) 2020

- ML SPECIALIST WITH INTRO TO DL (EDX)

- AZURE SPECIALIST 2020 (UDEMY)

SOMIE