AMJAD MUSTAFA

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SKILLS
- Python, SQL, HTML, CSS, JavaScript
- Collaborative problem solving amongst colleagues
- Network Troubleshooting - Repaired, Replaced, and upgraded computers
- Operating Systems Troubleshooting (Windows 10/8)
- Experienced in Office 365 - Access, Excel, Word
- Foreign Language - Arabic (Native)
- Integrated Development Environments – PyCharm, Atom, Jupyter Notebook

WORK EXPERIENCE

Whose Your Landlord, Buffalo, NY
Data Science Project Team Member, 09/2020-12/2020
- Integrated Python's TensorFlow Machine Learning library and built a deep artificial neural network to implement a logistic regression algorithm to solve a binary classification problem
- Applied sigmoid activation functions in the neural network to output 1 and 0 relying on if renter recommends or DOES not recommend an apartment when fed tabular structured data that was provided by tenants
- Trained and evaluated the Machine Learning Model using a real-world dataset, and achieved an 78% of accuracy
- Orchestrated with mentors to get machine learning projects tested and presented to others in a group setting

House of Hookah, Queens, NY
Kitchen Manager, 02/2019-07/2019
- Trained, managed, and guided a team of 4, increasing overall performance, and productivity
- Managed kitchen safety and cleanliness regulations
- Improved customer satisfaction by assisting in front-end operations when short-staffed
- Guided new employees how to do required tasks and safety regulations

PROJECT EXPERIENCE

PYTHON CHAT APPLICATION
- Leveraged the Socket python library to build a server that uses the TCP/IP protocol for clients to connect to a specified IP address and Port number
- Applied the Threading library to give the server application the ability to handle incoming connections from clients concurrently
- Executed the Socket library when building the client-side to prompt users to connect to a chosen IP address and Port number
- Designed a simple GUI for the Client-side for a better interface applying the Tkinter library in python

PYTHON ASSISTANT APPLICATION
- Developed a voice assistant application GUI that can retrieve results, and locations from the internet depending on what users search for
- Utilized the speech_recognition library to perform a voice to text mechanism to leverage as a retrieve query
- Included handling of Wikipedia and Wolfram API to retrieve results if user says 'Wolfram' or 'Wikipedia' before saying actual search query. Resulting in the ability to get locations, Wolfram results, Wikipedia results, and google results depending on what users search for

EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK, December 2021
Bachelor of Science, Information Technology and Management - GPA 3.4/4.0

ACTIVITIES

Management Information Systems Association   09/2019-Present
Member

University at Buffalo Boxing Club   09/2019-Present
Member