Malik Smith | Software Developer

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Summary

Highly motivated and disciplined computer science graduate with a proven track record of success in the military. Skilled in programming languages such as Java, Python, and C++, with experience in software development, large language model integration such as OpenAI API, database design, and data analysis. Able to work independently and as part of a team to deliver high-quality code on time and on budget. Seeking a challenging role in software development to apply skills and knowledge to contribute to the success of an innovative company.

Skills

Version Control, Python, Matplotlib, Numpy, Pandas, Data Structures, Sklearn(Scikit-learn), Exploratory Data Analysis, Data Modeling, Data Visualization, Collaboration, Jupyter Notebooks, Visual Studio Code, MySQL, Supervised Models, Unsupervised Models, seaborn, C#, C++, Secret Clearance, Web Development, Mobile Development , .Net, SDLC, CI/CD, ReactJS, Kotlin, OpenAI API Integration, Prompt Engineering

Project Experience

C++ Developer | Client-Server Chat Application | June 2022

- Designed Architecture for project flow.
- Created one Server application and one Client Application in C++.
- Established Connection from client to server via TCP and UDP broadcast implementation utilizing winsock library.
- Created functions to parse data, register users, send and receive messages, track connected users, get list of connected users and log and/or display chat messages.
- Allowed server to accept multiple clients to connect.

Full Stack Developer | Tactical Joint Combat Platform | March 2023

- Created the React JS working environment and file system for team.
- Collaborated with team of developers in the design and archetype process and utilized github for version control.
- Implemented front end sign up page.
- Implemented back-end drag and drop mechanics of elements.
- Implemented back-end functionality for querying items in local database.
- Used CRUD techniques to remove and retrieve documents pertaining to a user specified request from Firebase real-time database.
- Applied CSS to front end to enhance users experience.
- Collaborated on new features ideas and new features planning and execution.
- Hosted project on cloud for easy accessibility.

Data Analysis (Machine Learning Developer) | District Median Housing Price Predictor | Febuary 2023

- Created jupyter notebook working environment for project.
- Created Python function to fetch data from url.
- Stored Tabular data into data from using python library Pandas.
- Performed Exploratory Data Analysis on heterogeneous data as needed.
- Created visualization for better insights interpretation using python library matplotlib and seaborn.
- Performed Feature Engineering and extraction.
- Split data for training and validation.
- Narrowed down 3 models for housing prediction, (Regression, Decision Tree, SVM).
- Predicted, scored, and tuned model for results.
- Hosted project on cloud for easy accessibility.

Python Developer | Momo - Intelligent Packing Assistant with OpenAI and Speech Recognition | October 2022

- Designed workflow and file system.
- Integrated weather API and displayed weather information to user.
- Integrated OpenAI API for automatic list generation and displayed results to the users.
- Prompt Engineering.
- Integrated voice recognition - speech to text and text to speech using python libraries.

C# Developer | Conway's Game of life Simulation | January 2022

- Created a .Net Application.
- Created windows forms and modal for graphical user interfaces.
- Created back-end logic to render simulation.

Experience

Dell Technologies Desktop Support Agent | 05/2020 - 10/2020 | Alorica | Lake Mary , FL

Successfully troubleshoot and resolved 90% of customer issues within the first call, resulting in a customer satisfaction rating of 95%. Created and maintained detailed documentation for common support issues and solutions, which was used as a reference by the team and reduced the number of repetitive support requests. Developed and maintained documentation for common support issues and solutions, resulting in a 20% reduction in resolution times for repeat issues. Achieved a high customer satisfaction rating, as measured through regular customer surveys.

Aviation Ordnance Technician | 06/2015 - 06/2020 | United States Navy, USN | Lemoore, California

Trained and supervised new team members, contributing to a 50% increase in team efficiency. Participated in numerous successful overseas deployments and received recognition for exemplary performance under stressful conditions. Conducted maintenance and repairs on aircraft ordnance systems, resulting in a 25% decrease in equipment downtime. Demonstrated expertise in aircraft weapons systems, leading to promotion to a leadership role within the squadron. Contributed to the successful completion of multiple complex missions, including air-to-air and air-to-ground operations.

Education

B.S. Computer Science | Full Sail University | 03/2023 | Winter, FL
3.13 GPA

Google's IT Support Professional Certificate | 04/2020 | Orlando, FL