ARJUN P

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EXPERIENCE

Externship in SmartBridge
Applied Data Science Powered by Google Developers

EDUCATION

B.Tech in Computer Science & Engineering, Artificial Intelligence & Machine Learning Specialization
Vellore Institute of Technology, Chennai
Cumulative GPA: 8.25 (Expected 2024)
Relevant Coursework: Machine & Deep Learning, Data structures & Alogorithms, Design & Analysis of Algorithm, Operating System, Computer Vision, Business Intelligence, Malware Analysis, Security Management, Computer Networks, Linear Algebra, Statistics, Database Management, Engineering Calculus & Software Engineering.

PROJECTS

Vehicle Damage Estimation

- Developed a robust VGG16 model for car damage detection, leveraging computer vision techniques, to provide value-added solutions to insurance companies and lenders.
- Created a user-friendly web application using Python, HTML, CSS, and JavaScript to facilitate easy access for users, allowing them to upload images and receive prompt damage assessments.

Voice Controlled Vehicle for Object Finding

- Developed a Voice Controlled Robot for Object Finding, using **Arduinos** and **ESP32 CAM** to create a functional and innovative solution.
- Implemented a voice recognition system to listen to the commands of the user. Enabled the robot to locate objects through a **YOLOv7** object detection model, controlled by voice commands.

The Language of Youtube

- Developed a web application using **Python, Flask, HTML, CSS,** and **Bootstrap**.
- Implemented genre prediction for videos using **Natural Language Processing** and used Machine Learning models like SVM, XGBoost, RandomForest while training the model.

SKILLS

- Languages: Python, Java, C/C++, BootStrap, SQL & DBMS
- Soft Skills: Strong leadership, problem-solving, and a passionate attitude.

RESEARCH PAPERS & PUBLICATIONS

- Music Genre Classification using Spectogram Images and Tabular Data with Extracted Features
- Generating Titles For Articles From Their Summaries Using Ensemble And Transformer Models

ACHIEVEMENTS

- Scored 90%ile on JEE-Mains 2020
- AWS Certified Cloud Practitioner
- Introduction to Packet Tracer
- AWS Academy Graduate - AWS Academy Cloud Foundations