

MOHAMED HUSSAIN S

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Education

Crescent institute of science and technology

B.tech Artificial intelligence and data science

Sep. 2020 – May 2024

Chennai, Tamilnadu

Relevant Coursework

- | | | | |
|-------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures | • Algorithms Analysis | • Artificial Intelligence | • Data Visualization |
| • Data Science | • Database Management | • Internet Technology | • Computer Architecture |

Experience

Type-C, Inc

Machine learning Intern

May 2023 – Jul 2023

Chennai, Tamilnadu

- Importing Necessary Libraries: Start by importing essential libraries such as OpenCV and NumPy to handle image processing and numerical operations
- Loading the Image/Video: Load the image or video stream using OpenCV to prepare it for facial detection
- Pre-trained Haar Cascades or Deep Learning Model: Choose between using pre-trained Haar cascades or deep learning models like the Single Shot Multibox Detector (SSD) or You Only Look Once (YOLO) for facial detection.
- Utilized Google collab as a development environment in order to utilize the GPU and CUDA libraries.

Projects

E-Commerce Website Development | HTML, CSS, PHP, javascript, wordpress(CMS)

January 2025

- Custom WordPress Theme: Designed a tailored theme that aligns with the brand's identity, ensuring a unique and professional look..
- WooCommerce Integration: Set up WooCommerce to manage product listings, facilitate secure payments, handle order processing, and provide detailed reports.
- WooCommerce Integration: Set up WooCommerce to manage product listings, facilitate secure payments, handle order processing, and provide detailed reports.
- Product Management: Created an easy-to-use backend for the client to add, edit, and manage product listings, including images, prices, and stock levels.

Translation system for tanglish to tamil | Python, Pytorch, Jupyter notebook

October 2023

- Compiled a diverse Tanglish dataset, ensuring representation of colloquial expressions and language variations.
- Implemented a transformer-based model (e.g., BERT or GPT) for its contextual understanding and sequential data handling.
- Fine-tuned the model for enhanced translation accuracy, optimizing hyperparameters and addressing Tanglish language intricacies.
- Integrated the model into a responsive application, allowing users to input Tanglish and receive instant, accurate English translations.
- Established a feedback mechanism for user input, facilitating ongoing model enhancement and addressing translation challenges.

Technical Skills

Languages: Python, MYSQL, PHP, HTML/CSS, JavaScript

Developer Tools: Power BI, VS Code, Google Collab, Kaggle, Jupyter Notebook

Technologies/Frameworks: Linux, Tensorflow, GitHub

Leadership / Extracurricular

General Secretary

Jan 2023 – may 2024

Crescent University

- Beign in a postion of general secretary for college symposium and managing all the coordinative works Done by college.

Director

Jun 2022 – may 2024

Crescent University

- Working as Director in a Data science club and conducted several hackathons Regarding the subject of Data.