
CHARAN SAI KONDAPANENI

Arlington, Texas

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Education

University Of Texas at Arlington

Aug 2022 – May 2024

Master of Science in Computer Science, GPA – 3.9/ 4. 00

Texas, USA

Koneru Lakshmaiah Education Foundation

Jun 2018 – May 2022

Bachelor of Science in Computer Science, GPA – 9.21/10. 00

Andhra Pradesh, India

Relevant Coursework

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- Design And Analysis of Algorithms
 - Web Data Management
 - Machine Learning
 - Software engineering
 - Artificial Intelligence
 - Cloud Computing and Big Data
 - Data Mining
 - Neural Networks

Projects

Handwritten Characters Detection using Deep Learning | Python, Jupyter Notebook, Google Colab

January 2021

- Handwritten Character detection using Deep Learning Neural Networks (CNN)
- Implemented on Telugu Handwritten Characters dataset with an accuracy of 91 percent.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

House Prices Prediction using Regression Techniques | Python, Jupyter Notebook

November 2022

- Data Pre-processing and feature engineering, model selection and tuning, Feature importance analysis, cross-validation and prediction were done.
- Obtained ability to leverage data-driven insights to solve complex real-world problems.
- Utilized the layout editor to create a UI for the application to allow different scenes to interact with each other.

Performance Of MSC Academic Program | HTML, CSS, JavaScript, ReactJS, PHP

August 2023-December 2023

- Designed a website to help track student progress in MSC academic program. Handled multiple user profiles like Student, Instructor, Admin, Program Co-Ordinator, and QA Officer.
- Contains features like taking exams, report generation, student analysis, course analysis, communication between multiple user profiles, etc.
- Used HTML, CSS, JavaScript and ReactJS for frontend and NodeJS for chatbot.
- Used PHP for the backend development.
- Converted the entire project into Laravel.
- Project has been hosted at : <https://axk5640.uta.cloud/>

Research

Implementation Of Spot the Differences Game Using YOLO Algorithm | Published in Springer

November 2022

- Developed an implementation of Spot the Differences Game using YOLO Object Detection Algorithm.
- Implementation achieved an accuracy of 70 percent over all the object detection datasets.
- Research Paper published in the book series called "Proceedings of the International Conference on Cognitive and Intelligent Computing.
- Delivered a presentation of the research paper at a conference.

Technical Skills

Languages: Java, Python, C, HTML/CSS, JavaScript, SQL, PHP, Laravel

Developer Tools: VS Code, Eclipse, IntelliJ, Jupyter Notebook

Technologies/Frameworks: ReactJS

Certifications

Salesforce

Feb 2020 – Present

Administrator

- * System Configuration and Customization, User Management, Data Management, Automation, Integration, Reporting and Dashboards, Security and Compliance are some of the key responsibilities.
- * Built some basic apps in salesforce domain.
- * Currently preparing for Salesforce Platform Developer 1.