Sri Ram Yidala

(571) 528-9576 | ysrsrujan@gmail.com

Links

Github:// SriRamYidala
LinkedIn:// sriramsrujanyidala
Website: SriRamYidala.github.io

EDUCATION

WRIGHT STATE UNIVERSITY
M.S IN COMPUTER SCIENCE
GPA: 3.55 / 4.0 | May 2020

Jawaharlal Nehru Technological University
B.Tech IN COMPUTER SCIENCE
GPA: 3.5 / 4.0 | May-2017

COURSEWORK

Object Oriented Programming
Data Structures and Algorithms
Web Development
Foundations Of AI
Introduction to Machine Learning
Deep Learning

GRADUATE TEACHING ASSISTANT
Introduction to Computer Science
(Spring 2018 – Present)

LANGUAGES

Proficient:
Python (Numpy, Pandas, Matplotlib) • Javascript (ES6)
SQL • HTML5 • CSS/Sass • PHP

Familiar:
C • Java • C++ • Go

TECHNOLOGIES

Experienced:
Flask • Bootstrap • jQuery
Ajax

Familiar:
React • Node.js • Docker
Kubernetes • Express • AWS

Databases:
PostgreSQL • MySQL
MongoDB

Tools:
Git • Jupyter Notebook
Visual Studio Code • MS Office

PROJECTS

RAMFLIX | CLONE OF NETFLIX USING JAVASCRIPT, PHP AND MySQL

- Developed a full scale media responsive website from scratch using front end libraries such as bootstrap and jQuery.
- Developed all the features such as video controllers, preview videos, storing the user's video progress, searching for entities, editing their account information, and Paypal integration just like Netflix.

BUKFIND | A BOOK REVIEW WEBSITE USING FLASK

- Built a book review website from scratch with user authentication.
- Developed features such as searching books, leave reviews for individual books, and see the reviews made by other people.
- Used a third-party API by Goodreads, another book review website, to pull in ratings from a broader audience.
- Developed an API programmatically in which users will be able to query for book details and review.

ROCK PAPER SCISSORS | GAME USING HTML, CSS AND JAVASCRIPT

- Built a UI game using only HTML, CSS, and Javascript where users pick a choice whereas computer pick a random choice and finally displays the result.

DIVIL | A PYTHON SPEECH ASSISTANT APP

- Built a speech assistant application using the speech recognition library and Google's text-to-speech API.
- Developed features such as giving voice commands to do certain things like asking it's name, searching on Google, finding places on a map and so on and have it talk back to us.

NETFLIX | RECREATED USING HTML, CSS AND JAVASCRIPT

- Recreated the Netflix front-end home page from scratch using HTML, CSS and Javascript for the dynamic functionality of tabs when clicked.
- Used modern CSS techniques like Grid, Flex, overlays, shadows, and so on.

MNIST DATA VISUALIZATION | VISUALIZED USING PCA AND t-SNE

- Built models using 60k training data points and tested with 10k data points.
- Using PCA and t-SNE, transformed 784 dimensions to 2 dimensions. In PCA, it is weaker due to lot of overlapping whereas in t-SNE, all the classes are nicely grouped without overlapping.

CERTIFICATIONS

PYTHON FOR EVERYBODY | OFFERED BY UNIVERSITY OF MICHIGAN THROUGH COURSERA

- GETTING STARTED WITH PYTHON
- PYTHON DATA STRUCTURES