

Parth Darji

Software Engineer



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Objective

Energetic Software Engineering student seeking opportunities to apply my skills at a purpose driven company. My focus is to apply innovative methods to existing challenging software problems.

Technical Skills

Languages: Java, MATLAB, HTML5/CSS3, Python, JavaScript

Tools/ Frameworks: Pandas, TensorFlow, Scikit-learn, Git, MongoDB, ReactJs

EXPERIENCE/PROJECTS

AccessAI

Social Media platform for Software Engineers and those curious / Interested in creating coding projects

- Leading a small team of developers to quickly deliver a working prototype using Agile methodology
- Worked on the Full stack of project
 - Built Front-end within a week using HTML, CSS, and optimized using React Framework
 - Integrated with MERN (Mongo, Express, React, and Node) to set up the Back-end
- Planning sprints to develop the production MVP

Lawnmower AI

A Machine Learning Passion project to find the optimal way to cut a lawn

- Developed an interactive application allowing the user to create obstacles In the AI simulation while training
- Developed a neural network training model for an AI to find the most efficient path to mow a lawn
- Created a live visual output of the AI model to display training status which can be used as a simulation prior to making costly investments

International Space Station (ISS) Pathfinder

Demonstrates my ability of integrate multiple API's

- Developed a web app, which displays a real time map of the ISS
- Created a webform for the user to input their general location
- Integrates the use of Google Maps API to determine Users general location
- Uses OpenAPI to fetch the Location of the ISS
- Calculates the distance using trigonometric function to account for Earths curvature
- Provides the distance between the user and the ISS and displays it on Google map

EDUCATION (GPA: 3.91)

B.S. COMPUTER SCIENCE

Rutgers University New
Brunswick, NJ / 2019-2023

B.S. Electrical ENG.

Rutgers University New
Brunswick, NJ / 2019-2023

Machine Learning and Data
Science Competitions/ Courses
Kaggle.com