Nithisha V

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EDUCATION

B.Tech, Artificial Intelligence And Data Science
Kumaraguru College Of Technology
2023 - 2027
CGPA: 8.00/10

POSITIONS OF
RESPONSIBILITY

At 'Nigal', organized by the Able Club, I served as a dedicated volunteer, bringing enthusiasm and meticulous planning to our fun games. I focused on creating a welcoming atmosphere, with professionalism and empathy to ensure everyone felt valued.

PROJECTS

Developing smart & affordable solution to protect crops from wild animals.
Apr 2024 - Jun 2024
https://docs.google.com/presentation/d/1nxJbgkmN33myYxTyXHVaxBwh5A1RBNkH/edit?usp=drive_link&ouid=104143814040925014921&rtpof=true&sd=true

I had the opportunity to collaborate on a data science project aimed at protecting crops from wildlife attacks. As a dedicated teammate, I brought analytical skills and innovative thinking to the forefront of our efforts. Our project leveraged ml algorithms to predict and prevent wildlife intrusions, ensuring farmers could safeguard their.

My role involved data collection and preprocessing, where I meticulously gathered and cleaned data from various sources, including satellite imagery and sensor data.

Collaboration was vital to our success. I worked closely with my teammates to design and implement solutions, ensuring our models were accurate and reliable. We integrated real-time monitoring systems and automated alerts to inform farmers of potential threats, significantly reducing crop damage and loss.

By applying my expertise in data science and teamwork, we achieved a robust system that enhanced crop protection and promoted sustainable farming practices.

Deep-Fake Detection
Jan 2024 - Feb 2024
https://drive.google.com/file/d/1oAKp4T1Q0cUogdTRJvBvMMGOCraxCXjb/view?usp=drive_link

I undertook an exciting project in the field of Deep Fake Detection, working alongside a dedicated team to develop a robust solution for distinguishing real videos from fake ones. Our project centered around leveraging Long Short-Term Memory (LSTM) networks, a type of recurrent neural network particularly effective in processing sequential data.

As a project teammate, I was deeply involved in various stages of the project. I contributed to the data preprocessing phase, where we collected and cleaned a comprehensive dataset of real and fake videos.

I played a key role in designing and implementing the LSTM model. My responsibilities included fine-tuning the model's hyperparameters, training it on our dataset, and evaluating its performance through rigorous testing.

This project not only enhanced my technical skills but also reinforced the importance of teamwork, innovation, and dedication in tackling complex real-world problems.

SKILLS

MS-Excel
Intermediate

English Proficiency (Spoken)
Intermediate

Audio Editing
Intermediate

Python
Intermediate

Algorithms
Beginner

Video Editing
Intermediate

Canva
Intermediate

MATLAB
Beginner

Figma
Beginner

HTML&CSS
Intermediate

Linux
Beginner

Power BI
Intermediate

R Programming
Beginner

UiPath
Beginner

WORK SAMPLES

HackerRank link

https://www.hackerrank.com/profile/nithishaleni1806