
NEIL RAJEEV JOHN

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SUMMARY

A tech enthusiast who has a passion to learn new competitive technologies in the domains of Web Development, Artificial Intelligence and Data Analysis. Highly skilled in communication, collaboration, and technical documentation. As a student I consider myself to be disciplined and organized in my work with an arrow headed focus towards achieving my target.

CORE COMPETENCIES

- | | |
|---------------------|------------------------------|
| ✓ Python | ✓ AI/ML |
| ✓ C/C++ | ✓ Data Analysis & Prediction |
| ✓ HTML/CSS/JS | ✓ MS Office Suite |
| ✓ DBMS Technologies | ✓ Soft Skills |

RELEVANT PROJECTS

Finger Movement Classification & Identification (CNN)

- Detecting finger movement and classifying it into one of five different groups based on the meaning associated with the gesture
- The project was based off of a comparative study between 2 popular CNN models - AlexNet and LeNet
- The final iteration of the project utilized LeNet CNN model as it scored higher on performance and accuracy with our self-made dataset of images

Image Search App (HTML/CSS/JS)

- Created a website using HTML/CSS/JavaScript that returned images in correspondence to a text search
- Used the API of unsplash.com and derived search results from its extensive catalogue of images

Book Keeping System (Tkinter)

- Using Tkinter for structuring and styling the GUI, created a book keeping program that performs addition, deletion, selective viewing and updation of records

Car Crash Detection System (AI/ML)

- Deployed the YOLO V4 algorithm to detect car crash images, training it over a ginormous dataset of 70000+ traffic related images to get maximum accuracy.

EDUCATION

2019 - 2023 | SRM Institute of Science & Technology

Bachelor of Technology in Computer Science & Engineering

(CGPA 9.35)
