ADITYA S PADENNAVAR

Student Of Dayananda Sagar University

Eager to explore Machine Learning and adept at leveraging technology for innovative solutions. Excited about the evolving world of technology and continuous learning! □

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EDUCATIONS

Bachelor of Engineering, Computer Science and Engineering
DAYANANDA SAGAR UNVIERSITY

10/2021 - Present   *6.84*

PRISM PU College
DEPARTMENT OF PRE-UNIVERSITY EDUCATION

06/2019 - 03/2021   *79.66*

SSLC
JSS SMEM SCHOOL

06/2008 - 03/2019   *89*

PERSONAL PROJECTS

□ DRUG REPURPOSING METHODOLOGY
- Drug repurposing, also known as drug repositioning or drug reprofiling, is the process of identifying new therapeutic uses for existing drugs

□ DIABETIC RETINOPATHY DETECTION
- This project aims to detect diabetic retinopathy early using deep learning models (CNNs and transfer learning). It requires Python (3.6+), TensorFlow, Flask, NumPy, Pillow, and OpenCV. The focus is on enhancing image quality through data preprocessing for effective classification of retinal images, potentially preventing permanent blindness in diabetes patients.

ONLINE SHOPPING MANAGEMENT
- Implemented MySQL for robust data integrity, utilized HTML/CSS for a seamless user interface, and integrated PHP for dynamic functionalities in an online shopping system. Prioritized security through encryption and privacy compliance, fostering user trust and system credibility.

MEMORY ALLOCATION
- This C program simulates memory allocation using First Fit, Best Fit, and Worst Fit strategies. It prompts the user to input memory data or process size and displays the resulting memory table after each allocation. The program uses structured functions for clarity and provides a basic yet functional illustration of memory management.

SKILLS

C/C++   Android Studio   •HTML   CSS   • Python   Java Basic   Machine Learning   DBMS   Arduino IDE

SOFT SKILLS

Team -Building, Communication Skills, Leadership

Project Management, Quick Response.

CERTIFICATES

1. AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1

This certification validates foundational knowledge of AWS Cloud concepts, architecture, core services, pricing, and support. Earners understand AWS Cloud fundamentals and its applications in real-world scenarios.

2. Data Analytics Essentials by Cisco

Cisco verifies the earner of this badge successfully completed the Data Analytics Essentials course. The holder of this student-level credential has a broad understanding how the data analytics process creates value from data, can explain characteristics of data, including formats, availability and methods to acquire, can transform data and analyze data using basic statistical and data preparation techniques. The holder has completed hands-on activities using Excel, SQL, Tableau and other tools.

3.COMPUTER VISION ESSENTIAL(GREAT LEARNING)
The course provides hands-on experience using popular computer vision libraries, fostering practical application of theoretical concepts. By the end, participants gain a solid understanding of key principles, preparing them for more advanced studies in computer vision.

4.IOT Project based Idea Realization Workshop (DLite) (02/2024 - 03/2024)
The program encompassed fundamental of embedded system, exploring integration with the Internet of things, techniques for data acquisition, visualization, emphasizing practical application in various domain

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Kannada
Full Professional Proficiency

Marathi
Limited Working Proficiency