

Anuvind M P

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About me

An enthusiastic student with a passion for innovation and problem-solving. Proficient in Python and C++ , with foundational knowledge in C and JavaScript. Skilled in Machine Learning and Deep Learning. Competent in Full-stack Development, capable of building dynamic and efficient web applications. A strong team player with excellent collaboration skills and the ability to lead teams effectively.

Education

Amrita Vishwa Vidyapeetham, B-tech in Computer Science Engineering and Artificial Intelligence Nov 2022 – Present

- **GPA:** 8.85/10.0
- **Interests:** Problem Solving, Research Collaboration and Project Development

Anjarakkandy HSS, Higher Secondary 2019 – 2021

- **Percentage:** 92%

Experience

ACM Student Chapter, Student Intern Jan 2024 – Nov 2024

- Conducted research on assistive technologies to support individuals on the autism spectrum.
- Published findings in a recognized scholarly journal, advancing knowledge in the field.
- Identified opportunities to improve the usability and impact of assistive solutions through research insights.

Projects

AttendEase Nov 2024 - Dec 2024

- Developed a face recognition system for classrooms and events, allowing for automated and accurate attendance marking.
- The system analyzes the group photo, identifies individuals, and records their attendance, making the check-in process faster and more efficient.
- Tools Used: Python, PyTorch, TensorFlow, OpenCV

YouTube Spam Comment Classifier May 2024 - Aug 2024

- Developed a machine learning-based classifier to detect spam comments on YouTube videos.
- Utilized Pandas for data preprocessing and analysis, and sklearn for implementing and training the classification model.
- Tools Used: Python, Pandas, sklearn

An Intelligent Traffic Control System June 2023 - Aug 2023

- Designed and implemented a traffic control system leveraging deep learning and computer vision to optimize traffic flow.
- Utilized YOLO for real-time object detection to monitor vehicles and manage traffic signals dynamically.
- Tools Used: Python, OpenCV, YOLO, RoboFlow.

CodeHub June 2023 - Aug 2023

- Designed and developed the UI for CodeHub, a responsive web application. Leveraged HTML, CSS, and JavaScript to create a user-friendly interface with smooth navigation and modern aesthetics.
- Tools Used: HTML, CSS, Javascript.

Publications

An Intelligent Traffic Control System Incorporating Deep Learning and Computer Vision with Prioritized and Dynamic Timing. Dec 2023
ICTCS Conference 2023

Advancing Autism Spectrum Disorder Diagnosis with Multi-Modal Data: A Review. Dec 2024
Open Source Journal for the Computer Society

Technical Skills

Languages: Python, C++, Javascript, C

Web: HTML, CSS

Frameworks: Pytorch, Tensorflow, sklearn, Pandas, Numpy

Databases: Postgres

Certificates

- **NVIDIA DLI Certificate**
- **Certified in Python-** Hackerrank
- **Certified in Problem Solving-** Hackerrank
- **Amrita Programming Olympiad**

Strengths

- **Web Development:** Competent in full-stack web development, with experience in creating dynamic and responsive web applications.
- **AI/ML/DL Expertise:** Skilled in developing and deploying AI, ML, and DL models with a strong grasp of algorithms and optimization techniques.
- **Data Structures and Algorithms:** Proficient in designing efficient solutions using advanced data structures and algorithms.
- **Programming Proficiency:** Expertise in multiple programming languages, focusing on clean, efficient, and maintainable code.
- **Research Expertise:** Excellent research skills with the ability to analyze complex information and synthesize findings effectively.
- **Collaboration:** Strong team player with good communication skills, thriving in diverse and collaborative team environments.

Community Outreach Programs

Student Social Responsibility (SSR). - Amritapuri Nov 2024

- Participated in the Student Social Responsibility (SSR), conducting an engaging session for 7th-grade students on online safety and responsible internet usage.
- Used practical demonstrations, such as phishing examples, to educate students on cybersecurity awareness, fostering safer digital practices within the community.