Anuvind M P

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Profile Summary

Driven by creativity and adaptive to new technologies, proficient in Python, expert in Machine Learning and Deep Learning. Creative and skillful Front-end developer, with foundational knowledge in JavaScript, and C. A strong team player who thrives in collaborative environments and excels in leading teams effectively.

Education

Amrita Vishwa Vidyapeetham, B-tech in Computer Science Engineering and Artificial Intelligence — Nov 2022 – Present
- **GPA**: 8.9/10.0

Anjarakkandy HSS, Higher Secondary Education — 2019 – 2021
- **Percentage**: 92%

Anjarakkandy HSS, High School Education — 2018 - 2019
- **Percentage**: 100%

Experience

ACM Student Chapter, Student Intern — Jan 2024 – Nov 2024
- Conducted research on Multimodal techniques for Autism spectrum diagnosis to enhance accuracy and reliability.
- Published findings in a recognized scholarly journal, advancing knowledge in the field.
- Identified opportunities to improve diagnostic methodologies 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

Sort and Search Algorithm Visualizer — Jan 2024 - Feb 2024
- Built a Python-based visualization tool using Pygame for graphical representation and Numpy for efficient array manipulation.
- Implemented dynamic visualizations to enhance user comprehension of sorting and searching algorithms.
- Tools Used: Python, Pygame, Tkinter, MySQL.

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

Advancing Autism Spectrum Disorder Diagnosis with Multi-Modal Data: A Review.	Dec 2024

Open Source Journal for the Computer Society

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

ICTCS Conference 2023

Technical Skills

Languages: Python, Javascript, C

Web: HTML, CSS

Frameworks: Pytorch, Tensorflow, sklearn, Pandas, Numpy

Databases: Postgres

Certificates

NVIDIA DEEP LEARNING INSTITUTE	Dec 2023

Skills

- **Web Development**: Competent in Front-end 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 Data Structures and Algorithms with strong problem-solving and optimization skills.
- **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.
- Utilized practical demonstrations, such as phishing examples, to enhance students' understanding of cybersecurity awareness, promoting safer digital practices within the community.