



AMIRTHAN M

Computer Science & Engineering

Location

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Skills

Technical Skills

- Python
- C/C++
- SQL
- Networking
- Power BI
- Cyber Security – Ethics

Soft Skills

- Problem Solving
- Creative Thinking
- Time Management
- Teamwork

Area Of Interest

- Data Analyst
- Security Analyst
- Network Engineer
- Ethical Hacking
- AI Prompt Engineer

Career Objective

To work as a Data Scientist in your progressive organization that allows me the scope to update my knowledge to the latest trends and be part of a diverse and dynamic team that adds to both my personal and professional growth.

Education

Bachelor of Engineering

Computer Science & Engineering

Dhanalakshmi Srinivasan Institute of Technology , Trichy
2019-2023

Master of Technology

Artificial intelligence & Data Science

Sastra Deemed University
2023-2025

Projects

Mini Project

Data Access Control for Multi-Authority Cloud Storage for revocation using CP-ABE [WEBAPP]

Developed an enhanced data access control scheme for multi-authority cloud storage systems, ensuring expressiveness, efficiency, and improved security compared to existing schemes.

IBM Project

AI Powered Nutrition Analyzer For Fitness Enthusiasts (" IBM Developer Skill Network" Project) Issued by ICT Academy [WEBAPP] (Certified by IBM)

Developed AI-powered nutrition application for fitness enthusiasts as part of IBM project. To train CNN neural network for image recognition. Created dynamic web application using Python's Flask to facilitate real-time picture identification.

Main Project

Wireless Music Control using Hand Gesture Recognition by Deep Learning [ConsoleApp]

Developed wireless music control system utilizing CNN neural network for accurately classifies hand gestures associated with music commands. Integrated with Python's OpenCV for video processing, system translates gestures into actions for hands-free controlling music playback..

Tools Used

Visual Studio, Google Colab, IBM WATSON STUDIO, GitHub, Excel

Libraries : MATPLOTLIB, Flask, Numpy, Tensorflow, Pandas

Certifications

- Python – By Eduprep
- Ai Powered Nutrition For Fitness Enthusiast - By ICT Academy
- Data Science Tools -By ICT Academy
- Machine Learning Workshop conducted by Google Developers held on 14, May, 2022 organized by Computer Society of MIT, Madras Institute of Technology, Anna University, Chennai
- Attended a Internship on - "Data science" conducted by Forage

Place : 12.02.2024

Date : Thanjavur

(AMIRTHAN M)