Gopalasetti Vivek

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Education

VIT-AP UNIVERSITY Amravati, Andhra Pradesh
B. Tech in Computer Science and Engineering with specialization in Artificial Intelligence 2020 - 2024
Cgpa – 9.21

Ascent Junior College Vizag, Andhra Pradesh
94.7% Aggregate

Keshava Reddy School Etcherla, Andhra Pradesh
Grade: 10

Experience

AIESEC in Amaravati Junior Manager Outgoing Social Sector
February 2022 - Present

- Helped in bringing diverse cross-cultural volunteer experiences which are needed for young people who seek to develop themselves and the world by providing them opportunities to work in projects on sustainable development Goals across the globe.
- Talked with many leads and improved my marketing skills

Microsoft Student Chapter
Events Chair August 2021 - Present

- Conducted various events on technical topics, hackathons and boosted my communication skills
- Learnt about event management.

ACM Student Chapter September 2021 - Present
Project & Research Team Member

- Worked on Covid 19 Project Where We Predicted the upcoming waves using machine learning algorithms.
- Learnt about competitive intelligence.

Sports Club, Keshava Reddy School Etcherla, Andhra Pradesh

- Lead My Team in District Level Volleyball Competition.

Skills & Interests

Technical: Java, OOP concepts, C Language, SQL, Web Technologies (Html, CSS, Java Script, PHP) ,python(basic level)
Language: English (Fluent), Telugu (Native), Hindi (Intermediate)

Interests: Machine Learning, Artificial Intelligence, Data Science, Data Structures and Algorithms.

PROJECTS

Apple Stock Price Prediction

- In this work, we conducted a stationary analysis of the stock's time-series data.
- Used Long Short-Term Memory network (LSTM) which is a neural network algorithm to predict stock data under different stationary conditions, and performed statistical analysis on multiple experimental data.
- In addition, an ARIMA algorithm was introduced to compare with the LSTM.

Cost Reduction of Network Infrastructure Using Kruskal's Minimum Spanning Tree Algorithm

- Created a Network Map Using Kruskal's Minimum spanning tree algorithm
- The Map Reduces network infrastructure and can save cost and is advantageous when installing several appliances in a network, such as in datacentres, corporate offices, and laboratories.

ML Mini Project on Parkinson Disease

- The Model built classifies whether a person is affected by Parkinson's disease or not.
- Applied Random Forest, Logistic Regression, SVM and Neural Network and plotted accuracy comparison for all algorithms.

OS Lab Project On CPU Scheduling and Disk Scheduling Algorithms

- Build a GUI For running basic linux commands
- Created a site to calculate Average Turnaround Time, Average Waiting Time, Throughput based on arrival and burst times.
- Storage Management Using Disk Scheduling Algorithms Like FCFS, SSTF, SCAN, CSCAN, LOOK, CLOOK to calculate seek sequence and seek count
- Process Management and Resource Monitoring using linux commands