Jyothin Movva

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https://github.com/lucidsleeping

Summary

Passionate student pursuing a degree in Computer Science. Has done multiple projects based on college curriculum which incorporates different concepts which include web development and hosting, GUI development, machine learning, data visualization, data analysis.

Education

KL University

Bachelor of Technology - BTech, Computer Science

GPA: 9.2* (Average of 5 Semesters)

2020 – 2024

Licenses & Certifications

Automation Anywhere - E-Cell, IIIT Hyderabad

Automation Anywhere Certified Advanced RPA Professional (Automation 360) - Automation Anywhere

Issued Aug 2022 - Expires Aug 2024 AAADVC2022A360
- 57596195

Cloud Digital Leader - Google

Issued Dec 2022 - Expires Dec 2025 bUayEF

Skills

SQL • JavaServer Pages (JSP) • Servlets • Python (Programming Language) • Java • ObjectOriented Programming (OOP) • Applied Mathematics • Construction Management • Databases • Communication

Honors & Awards

Megathon Merit - E-Cell, IIIT Hyderabad

Nov 2022

Came up with innovative solutions to the given problem statement. Finished top 5 out of 60 total teams.

Projects

- Terrain Detection Using Machine Learning: Detects the inputted picture if it belongs to off-road or on-road scenario.

  https://github.com/lucidsleeping/Terrain-Detection-Using-Machine-Learning

- · Human Resource Analysis using Python: The project analyzes the data provided and generates visualization tools that we can interact with in a user-friendly website.
  https://github.com/lucidsleeping/Human-Resource-Analysis-with-Python

- · Space Efficient Application for Reachability of Source to Destination in A Robot Warehouse The project is aimed to implement a space efficient algorithm for reachability in directed geometric graph. The objective was achieved by using Dijkstra shortest path algorithm. The project is interactable using a website. https://github.com/lucidsleeping/space-efficient-application-for-reachability-ofsource-to-destination- in-a-digital-mapping-service

- · Sample network for an enterprise by installing network-based firewall: Designing a large-scale firewall-based network infrastructure is the project's objective. The network us simulated using Cisco Packet Tracer. https://github.com/lucidsleeping/Sample-network-for-an-enterprise-by-installingnetwork-based- firewall

- · Music Generation using Machine learning: The project deals with generation music using the inputted dataset. The functionality can be accessed by website which is being hosted by Django framework. The application uses LSTM and neural networks to train the model and generate the midi file.

  https://github.com/lucidsleeping/Music-generation-using-Machine-learning

Additional Section and Certifications

- o · Languages Known: English, Telugu
- o · Extra-Curricular Activities: Artistic Designing, running, Music Exploration