Kesava Datta

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Kesava Datta | Kesavadatta2410

Education

Woxsen University, Hyderabad 2023 - 2027
BTech in Computer Science Engineering
CGPA: Ongoing

Sri Bhavishya Junior College, Vijayawada 2021 - 2023
Intermediate (MPC)
CGPA: 9.37/10

Skills

Programming Languages: HTML, CSS, Python, Java, SQL

Software Tools: Blender, Maya, Unity, Adobe Illustrator, Photoshop, InDesign, Adobe XD

Technical Expertise: Data Structures and Algorithms, Internet of Things (IoT)

Experience

Executive, Film Club
Scheduled film screenings and facilitated discussions to foster a deeper appreciation for cinema. Cultivated leadership abilities while encouraging teamwork and collaboration.

President, Ankur Incubation Club (IIC)
Heading the Ankur Club at Woxsen University, I promote entrepreneurship by organizing events and workshops. I collaborate with faculty and industry professionals to mentor and support innovative student startups.

Projects

Wheels On The Charge (Wireless Electricity Transfer)
Engineered a wireless electricity transmission system between coils. Designed an innovative windmill to enhance electricity generation efficiency.

Drainage Rides (IoT-based Automated Drainage Cleaning Machine)
Developed an IoT-enabled automated machine for efficient drainage cleaning. Focused on improving automation and optimizing environmental cleanliness.

DroneGo (Path Optimization and Drone Delivery)
Designed and implemented algorithms for drone path optimization in delivery systems. Focused on minimizing delivery times and navigating complex routes.

Research(OnGoing)

Federated Learning
Implemented federated learning models with differential privacy using the Flower framework. Explored feature selection algorithms to enhance model accuracy and efficiency.

Data Minig
Investigating the Bonferroni curve across the inequalities as well as the truncated distribution.

Patents

Multi-Functional Dynamic Wireless Charging System for Electric Vehicles
Application Number: 202441067024 A
Innovated a dynamic wireless charging system to facilitate seamless on-the-go EV charging.