

S.KRUTHIK

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in KRUTHIKS

🔗 KRUTHIKSELVAN

📍 Chennai

OBJECTIVE

Passionate and detail-oriented Software Engineering student with a strong foundation in network, embedded systems, and application development. Adept at solving complex problems through innovative design and implementation.

PROJECTS

IMPROVEMENT OF PERFORMANCE ANALYSIS WITH ENERGY HARVESTING OF MANET IN URBAN ECOSYSTEM USING LOCALIZATION TECHNIQUES

- Developed and implemented advanced localization algorithms and energy harvesting strategies to optimize the performance and energy efficiency of MANETs in urban ecosystems. Demonstrated significant improvements in network longevity and reliability under real-world conditions.
- published research on enhancing the performance of Mobile Ad hoc Networks (MANETs) through innovative energy harvesting and localization techniques within urban environments, contributing to the advancement of sustainable networking technologies.

FAKE NEWS CLASSIFICATION USING XGBOOST

- Utilized extreme gradient boost classification algorithm to detect false news in text and video analysis, combining processing capability with human insights for robustness.
- Tested method on multiple datasets and scenarios, achieving an impressive accuracy.

EDUCATIONS

B.Tech	AMRITA VISHWA VIDYAPEETAM , Artificial Intelligence Engineering	2022 - Present
	• GPA: 5.66/10.0	
HSC	Velammal international school , Computer Science	2022
	• 72%	
SSC	New Baldwin international residential school	2020
	• 55%	

SKILLS

Areas of Interest: Deep Learning, Network Programming, Application Development, Embedded Systems

Cloud & Certification: AWS Cloud Foundation Certified

Languages: C++, C, Java, Python, SQL, JavaScript

Software: Visual Studio, Microsoft SQL Server, Eclipse, XCode, Interface Builder

Tools and Technologies: Roboflow, Git and GitHub, VS Code, Jupyter Notebook, Google Colab, Linux

EXTRACURRICULAR ACTIVITIES

Member of the university badminton team, participating in intercollegiate tournaments and contributing to team success.	2022
Volunteered at Sevalaya as a part of 'Sevanavaram' Initiative (SEP 2023) Tiruvallur, Chennai. Week-long community service.	2023