Spoorthy G

Assistant Professor

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EXPERIENCE

NIT Warangal, Warangal — *Teaching Assistance*

2015 - 2022

As a Teaching Assistant for courses on Machine Learning and Software Engineering, I conducted practical sessions for subjects such as C, Machine Learning, and Software Engineering.

I have provided assistance to more than 10 students in their research endeavors.

I supported my mentor in organizing workshops.

uGDXIT, Hyderabad — *Assistant Professor*

Jan 2023 - Feb 2023

Started literature survey for my Healthcare research.

As per the FDP curriculum completed SQL and Data Structures

Atlas SkillTech University, Hyderabad — *Assistant Professor*

Feb 2023 - Apr 2023

Learning Big Data, AWS, DevOps and MLOps in the 3 months FDP program.

Delivered 20 hrs of Big Data Lab module.

I was assigned Data services on cloud before.

Have maintained 4 rating throughout the delivery

EDUCATION

NIT Warangal, Warangal — *Ph.D*

2014-2022

Research Scholar in NIT Warangal under Prof. S. G. Sanjeevi in Recommender systems research area.

University of Hyderabad, Hyderabad — *M.Tech.*

JUNE 2012 - JUNE 2014

CGPA 6.9.

PROJECTS

Hybrid Cluster based Collaborative Filtering using Firefly and Agglomerative Hierarchical clustering — *published in IJCIT*

Multi-Criteria Recommendations using Autoencoder and Deep Neural Networks with Weight Optimization using Firefly Algorithm — *Published in IJE*

SKILLS

Teaching Assistant for 5+ years of experience.
Programming Skills:
R, SQL and Python
Area of Research: Machine Learning, Deep Learning and Artificial Intelligence.
Research Interests:
Machine Learning and Deep Learning techniques in Recommendation Systems, Artificial intelligence in Healthcare and Astronomical Data science.

AWARDS

I have obtained a certification in Data Science from NPTEL.
I have participated in over 10 Faculty Development Programs (FDPs) related to my field.
In GATE 2012, I achieved a score of 489 (with an All India Rank of 4692) in the field of Artificial Intelligence.
I served as the Team Lead for my BTech Project

LANGUAGES

English, Hindi and Telugu

JOURNALS

G. Spoorthy & S G Sanjeevi, "Hybrid Cluster based Collaborative Filtering using Firefly and Agglomerative Hierarchical Clustering", International Journal of Computer and Information Technology(2279-0764), 2021. DOI: 10. 10.24203/ijcit.v10i6.170.
Spoorthy G. & S G Sanjeevi, "Multi-criteria– Recommendations using Autoencoder and Deep Neural Networks with Weight Optimization using Firefly Algorithm", International Journal of Engineering, 36. 130-138, 2023. DOI: 10.5829/IJE.2023.36.01A.15.
Two Cross Domain Recommendations System Papers are under review