PALAKUR ESHWITHA SAI

IIT (BHU), Varanasi

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OBJECTIVE

In the anticipation of an opportunity providing intellectually challenging work in the field of computers for proving and enriching my knowledge and skills.

EDUCATION

Indian Institute of Technology (Banaras Hindu University), Varanasi *2018 - Present*
IDD in Mathematics and Computing
CGPA: 8.71(sem 1), 9.13(sem 2), 9.27(sem 3), 9.40(sem 4), 9.13(effective)

Fiitjee, Hyderabad *2018*
12th Board, Telangana State Board.
98.60%

St.Joseph's School, Hyderabad *2016*
10th Board, Indian Certificate of Secondary Education (ICSE).
97.60%

SKILLS AND INTERESTS

Languages	C/C++, Java, Python
Areas of Interest	Deep Learning, Competitive Coding
Operating Systems	Windows, Mac OS, Linux
Skills	Data Structures and Algorithms
	Machine Learning
	Deep Learning

PROJECTS AND ASSIGNMENTS

Application of Data Structures *Mentor: Prof. Sanjay Kumar Singh*
Implementation of team queue (problem statement) based on the optimized implementation of data structures.

Assignment in Discrete Mathematics
Assignment in Discrete Mathematics on solving a problem involving recurrence relation.

Rumor Minimization- Exploratory Project *Mentor: Dr. Lavanya Selvaganesh*
Studied about the problem of rumor spread in social networks by analysis of networking and graph theory. Studied about greedy and dynamic blocking algorithms for rumor minimization and tried to implement them for a given data-set. Gave a presentation about the same.

Hyper-spectral Image Compression *Mentor: Mr. Yaman Dua*
Implemented python code for compression of hyper-spectral data using non-negative tucker decomposition algorithm

Technical Content Writer Internship - GeeksforGeeks *Ongoing*
Writing technical articles in the field of Data Structures, Algorithms, and Machine Learning.

POSITION OF RESPONSIBILITY

Volunteer at Kashi Utkarsh (IIT BHU)

Volunteer at Student Counselling Services, IIT BHU (Tutor)

ACHIEVEMENTS/ EXTRA CURRICULAR ACTIVITIES

City 2nd in ICSE 10th board.

Statewide rank 148 in TS EAMCET and 328 in AP EAMCET (State entrance exams)

JEE MAIN Rank- 9524 JEE ADVANCED Rank- 2506 (AIR)

Department Rank- 5.

Participation- Kabaddi (in Spardha, IIT BHU), Goldberg's Alley and Hydracs (Technex,IIT BHU)

Appeared for ICPC 2019-20 (International Collegiate Programming Contest)

Other Interests- Badminton, reading, painting.

PERSONAL INFORMATION

Father: Palakur Sreekanth Reddy   Mother: Palakur Gowri Priya
Gender: Female   Nationality: Indian
Date of Birth: 29-03-2001
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