Pula Jathin Reddy

3rd Year Undergraduate

Department of Electrical Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Indian Institute of Technology, Kanpur	7.13/10
2021	BSET(XII)	Narayana Junior College, Hyderabad	97.92%
2019	SSC(X)	Viswabharathi High School, Gudivada	10/10

Scholastic Achievements

- Secured All India Rank 1278 in JEE Advanced 2021 among the 1.2 Lakh shortlisted candidates.
- Secured All India Rank 1506 in JEE Mains 2021 out of more than 10 Lakh candidates.
- Secured All India Rank 421 in JEE Mains (B.Arch) 2021 out of more than 10 Lakh candidates.
- Secured a Rank of 27 in COMEDK UGET 2021 out of more than 44 thousand candidates.
- Secured a Rank of 433 in AP EAPCET 2021 out of more than 2.5 Lakh candidates.
- Secured a Rank of 593 in TS EAMCET 2021 out of more than 2.2 Lakh candidates.

Key Projects

- APPLICATIONS OF REINFORCEMENT LEARNING ACA, IITK Project OGithub
- (May'22- July'22)
- Exposure to data processing libraries Numpy, Pandas, Matplotib, and different Supervised Learning Models.
- Applied a Classification model based on the Multivariable Logistic regression method with more than 95 % accuracy.
 Developed four agents based on Q-learning and SARSA algorithms for different environments from the GYM library.
- BREAKDANCE Course Project

(Jan'23-May'23)

Instructor: Dr. Mohit Law, TA202, IIT Kanpur

- Coordinated a group of nine individuals and built a miniature model of the **Breakdance** amusement park ride.
- Utilised **CAD** to visualize the project design and **Arduino** programming to control and operate the motors.
- Managed project timelines and deadlines, ensuring the completion of tasks within the specified timeframe.
- NLP Navigator -ACA, IITK Project Cithub

(Ongoing*)

- $\ \ Gaining \ familiarity \ with \ data \ processing \ libraries, including \ Numpy, \ Pandas, \ and \ Matplot lib, through \ practical \ assignments.$
- Developing expertise in deep learning fundamentals and neural network principles, supplemented with hands-on experience in TensorFlow.
- Personal Website -Self Project OGithub
 - Created a personal website using HTML5 & CSS, incorporating captivating color schemes from the Color Hunt website.
 - Acquired proficiency in HTML5 & CSS through self-directed learning using the documentation provided by MDN

Technical Skills

- Programming Languages: C, C++, HTML5 & CSS, Python
- Software and Libraries: Git/Github, Numpy, Pandas, Matplotlib, Tensorflow, CAD, Aurdino
- Skills: Competitive Programming, Front-end Web Developer

Positions of Responsibility

• SENIOR EXECUTIVE, Public Relations

(Sep'22-March'23)

- Actively participated in Non-Core Weekend organized by **TECHKRITI'23** in collab with **FAC**, IIT Kanpur.
- Served as the POC for prominent personalities including R. Chidambaram, ensuring seamless communication and smooth coordination throughout the festival.
- Worked on **Data-Basing** & Involved in various events conducted by TECHKRITI'23.

Relevant Courses

Linear Algebra & ODE	Signal, Systems and Networks
Fundamentals of Computing	Linear Algebra and Differential Equations
Introduction to Electronics	Introduction to Microelectronics
Probability and Statistics	Real Analysis
Complex Variables and PDE	Control systems analysis
Introduction to Electrical Engineering	Introduction to Logics

Extra-Curricular Activities

• VOLUNTEER, Student Placement Office, IIT Kanpur

- Managed logistics of shortlisting tests and interviews for the recruiting process.
- Handled recruitment process of companies like Barclays, HCL, etc.
- Part of the Runner Up Cricket Team in the Cricket Tournament conducted by TSS, IITK.
- Won a few intra-school 100m,200m, and 4x100m relay running races.
- Part of the Runner Up Volleyball team in intra-school sports events.

(March'23)

(Dec'19) (Dec'19)