

# Kethari Narasimha Vardhan

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## EDUCATION

**Indian Institute of Technology, Hyderabad**

B.Tech in Mathematics and Computing; CGPA: 8.43/10

Hyderabad, India

Nov'20 - May'24

## SKILLS SUMMARY

- **Languages:** : Python, C, C++, Prolog, SQL, HTML
- **Softwares & Tools:** : LaTeX, Git, Vim Editor, PyCharm, Xcode, iMovie, Mac - Pages, Numbers, Keynote
- **Soft Skills:** : Public Relations, Leadership, Communication

## WORK EXPERIENCE

- **Public Relations Coordinator at Elan &  $\eta$ Vision 2022, IIT Hyderabad** (*June'21 - May'22*)
  - Analyzing the public opinions, and drafting efficient strategies accordingly while managing all the social media handles, and maintaining all the databases. Public Image of the fest.
  - Managed more than 200+ Campus Ambassadors for the fest with a team of around 45 volunteers.
  - Managed all the socials of Elan &  $\eta$ Vision along with my fellow coordinators.
- **Operations Manager at E-Cell, IIT Hyderabad** (*May'21 - Apr'22*)
  - Responsible for managing and deciding the flow of in-campus events, taking care of every aspect needed in order to conduct the event.
  - Conducted Biz-Quiz during the E-Summit 2022, the annual flagship event of E-Cell.
  - Was a CA Manager and lead 30 Campus Ambassadors assigned to me.

## PROJECTS

- **PageRank Algorithm - Independent Project:** Implementation of the pagerank algorithm, used by Google Search to rank pages in their search engine
- **Elliptic Curve Cryptography - Independent Project:** Study on Elliptic Curve Cryptography and their implementations. Implemented RSA and Blowfish Encryptions
- **Heuristic Optimization Algorithms - Course Project:** Study on Heuristic algorithms and working on non-convex problems to solve using Heuristic approaches (April '22)
- **Intricacies of Study Environments at IITH - Course Project:** Pre-Processing, Visualizing, and Analyzing the data of study preferences of students at IIT Hyderabad (April '22)
- **Cluster Analysis - Course Project:** Performing Clustering of randomly generated points in the 2D using Minimum Spanning Trees and various criteria for clustering (December '21)

## HONORS AND AWARDS

- **JEE Advanced 2020:** Secured an All India Rank **2855** among 250,681 candidates
- **JEE Main 2020:** Secured **99.44** percentile among 1 million candidates
- Solved 60+ Medium Level Problems in Leetcode
- Earned a Licensed Certificate on **Python for Everybody Specialization**, offered by University of Michigan
- Earned a Licensed Certificate on **Applied Data Science with Python**, offered by University of Michigan
- Induction into the **Hall of Fame** in the Cultural yearbook of IIT Hyderabad

## POSITION OF RESPONSIBILITIES AND EXTRA CURRICULAR ACTIVITIES

- **Internship Coordinator**, Office of Career Services, IIT Hyderabad (*May'22 - Present*)
- **Content and OutReach Team**, ACM Student Chapter, IIT Hyderabad (*December'21 - TBA*)
- **Departmental Representative**, Inter-Dept Sports & Cultural Fest, IIT Hyderabad (*October'21 - April'22*)
- **Public Relations Coordinator**, Elan &  $\eta$ Vision 2022, IIT Hyderabad (*July'21 - June'22*)
- **Operations Manager** E-Cell, IIT Hyderabad (*May'21 - Apr'22*)
- **Quiz Club Coordinator**, Literary Council, IIT Hyderabad (*April'16 - March'17*)
- **UG Student Buddy**, Sunshine-Counselling Cell, IIT Hyderabad (*December'20 - May'21*)
- **Class Representative**, B.Tech MnC 2020, IIT Hyderabad (*November'20 - August'22*)