

Tirumala Jaya Chandrika

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EDUCATION

- **R.V.R and J.C. College of Engineering** Andhra Pradesh, India
Bachelor of Technology in Computer Science and Engineering; GPA: 9.06 *January 2021 - May 2024*
Courses: Data Structures, Probability and Statistics ,Computer Architecture, Operating Systems and DataBase Management
- **Sri Chaitanya Junior College** Andhra Pradesh, India
Higher Secondary School; GPA: 9.88 *April 2020*
- **Andhra High School** Andhra Pradesh, India
Secondary School; GPA: 10 *June 2018*

SKILLS SUMMARY

- **Languages** : C, Java, Python, SQL.
- **Tools** : GitHub, Autocad, Adobe Photoshop, Android Studio.
- **FrontEnd** : HTML, CSS, JavaScript.
- **Libraries** : Numpy, Pandas, Matplotlib.
- **Soft Skills** : Leadership, Time Management, Event Management.

EXPERIENCE

- **Indian Servers, India** Remote
Machine Learning Intern(Part-time) *April 2022 - June 2022*
 - **SIGN LANGUAGE RECOGNITION**: Developed a PROJECT using CNN to identify the signs of alphabets in American Language using Keras and Tensorflow libraries with accuracy - 0.9910 and loss - 0.0286 by considering 50 epoques.
- **IOT Model** September 2022
Part of Interest
 - **Sun Tracking Solar Panel** : Developed using LDR sensors, Servo motor and Arduino microcontroller to track the sun and consume maximum solar energy.

ACHIEVEMENTS

- **Google Women Engineer Scholar 2021**: Selected as one of the **top 300 participants** nationwide for a two-year professional development program offered by Google from TALENT SPRINT (Women Engineers Fellowship).
- **Hacker Rank Achievements**: Achieved 4 stars - C, Problem Solving; 5 stars - python and Java.
- **Coding Competitions**:
 - Participated in CODAGE a programming contest conducted by ACM Students Branch(November 2021).
 - Participated in CODE A-THAN a programming contest by InformaTriX(Student Initiated Club)(August 2022).
 - Participated in CODE-WIZ a programming contest conducted by ACM Students Branch(September 2022).

CERTIFICATIONS

- **NPTEL Certifications**:
 - **ELITE SILVER** (88 percentage) - The Joy of Computing Using Python (October 2021).
 - **GOLD** (94 percentage) - Introduction to JAVA programming (April 2022).
- **Microsoft Technology Associate** : Introduction to Programming using Python and Java (2022).

EXTRA CURRICULAR ACTIVITIES

- **ACM Student member** : Joined in Association for Computing Machinery(ACM) which is an international, scientific and educational society for computing in August 2022.
- **Leadership** : Played a major role as a team leader in sports like Throw ball, Kabaddi, kho kho in my schooling.

HONORS AND AWARDS

- **Runner** for developing **Sun Tracking Solar Panel** in technical model-conducted at college on Engineers Day.
- Ranked 21 among the batch of 200 students in my Computer Science Engineering Branch.
- Acquired 20 gold medals in running, Long jump etc in annual Sports Day conducted at our school.