

RASHMIKA NATTAM

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EDUCATION

Master of Science in Computer Science, University of Illinois at Chicago, USA

Aug 2023 – Present

CGPA – 4/4

Bachelor of Technology in Computer Science and Engineering, Gayatri Vidya Parishad College of Engineering (A), India

CGPA – 8.8/10

Aug 2019 – Apr 2023

SKILLS & TECHNOLOGIES

Programming Languages – Python, SQL, Java, C, C++, R

Productive Tools – MS Word, MS PowerPoint, MS Excel

Database – MySQL

Web Development – HTM, CSS, Bootstrap, JavaScript

EXPERIENCE

LTIMindtree

Ignite Trainee

Feb 2023 – May 2023

- Showcased proficiency in Java, SQL, and JavaScript through rigorous coursework, equipping with skills to architect robust software systems and implement efficient data management solutions.
- Achieved top scores on exams, exhibiting a deep understanding of programming principles and database management.
- Applied problem-solving skills to tackle complex coding challenges and address SQL-related issues.

Gayatri Vidya Parishad College of Engineering

Fest Technical Member

Jul 2022 – Dec 2022

- Organized technical event and effectively communicated and coordinated with organizers and volunteers to resolve issues promptly.
- Took an active role in organization of technical events, displaying effective communication and coordination skills while collaborating with event organizers and volunteers to promptly identify and resolve issues.

Gayatri Vidya Parishad College of Engineering

Library Assistant

Dec 2021 – May 2022

- Implemented an efficient shelving system and categorized books based on genre and author, resulting in a 30% reduction in average search time and improving library resource utilization.
- Offered technical support by configuring and setting up computers and projectors to facilitate presentations and educational activities, ensuring a smooth and seamless experience for library patrons.
- Demonstrated strong organizational skills through efficient shelving and categorization of books, enhancing library environment for easy resource access.

Gayatri Vidya Parishad College of Engineering

Teacher Aide

Nov 2021 – Jun 2022

- Prepared classrooms for instructional activities by setting up essential equipment, including computers and projectors.
- Provided support to teaching faculty by assisting in grading of assignments and maintaining accurate attendance records, ensuring efficient academic administration.
- Instructed multiple classes of students across various subjects and grade levels and tailoring lessons.

ACADEMIC PROJECTS

Smart CCTV

- Led a team of four in developing a Python-based Smart CCTV application, enabling camera connectivity, and integrating features such as object area monitoring, person identification, feed recording, entry-exit tracking, and motion detection to elevate capabilities of CCTVs.

Yoga Pose Detection Using Machine Learning

- Guided a four membered team in developing of a user-friendly website focused on yoga posture guidance and tailored information on yoga asanas for specific health conditions.
- Designed and developed the website using HTML, CSS, and Bootstrap, ensuring an intuitive and accessible user interface.

Word Frequency In A Classic Novel

- Employed Python and web scraping techniques to extract data from Project Gutenberg and analyzed most frequently occurring words in Moby-Dick by Herman Melville.
- Performed text preprocessing, including tokenization, stopwords removal, and lowercase conversion.

Analyze International Debt Statistics

- Conducted data analysis on World Bank debt data, revealing trends and highlighting highest debt-burdened country for decision-making.

CERTIFICATIONS

- Programming Essentials in Python – Cisco
- TalentNext course on Java – Wipro
- Introduction to R – DataCamp

- Python for Data Science – IBM Learning
- Introduction to SQL – DataCamp

EXTRACURRICULARS

- Member of Rotaract Club

- Member of IEEE Vizag Bay