# Yeswanth Chirumamilla

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## Summary

- Enthusiastic and tech-savvy individual with a strong interest in AI and technology. Eager to learn more about AI and machine learning, actively looking for opportunities to grow skills in these fields. Passionate about using AI to solve problems and drive innovation.

## Education

- **National Institute of Technology Andhra Pradesh** — Tadepalligudem, India
  *B.Tech in Computer Science; CGPA: 9.44* — *Nov 2022 – Present*
- **Indian Institute of Technology Madras** — Chennai, India
  *B.Sc in Data Science and Applications; CGPA: 9.5* — *Jan 2024 – Present*
- **Chaitanya Junior College** — Andhra Pradesh, India
  *Board of Intermediate Education; Score: 92.5%* — *June 2020 – June 2022*
- **Narayana High School** — Andhra Pradesh, India
  *Board of Secondary Education; CGPA: 10* — *June 2019 – May 2020*

## Work Experience

- **Teaching Assistant for Programming Lab** — NIT Andhra Pradesh
  *Assisted students with programming concepts and graded assignments* — *June 2024 – Present*

## Projects

- **Enhancing User Experience by Leveraging Web Scraping**: Developed a web scraping tool using Python, BeautifulSoup, and Selenium to enhance user experience by automating data extraction from multiple online sources. The tool bypasses references and handles dynamic content loading, providing direct access to structured data. Utilized HTML, CSS, and JavaScript for the front-end interface and implemented Flask for web service deployment. The extracted data was stored in a MySQL database.

  **Technologies Used:** Python, BeautifulSoup, Selenium, HTML, CSS, JavaScript, Django, MySQL
- **Spam Classifier**: Developed a spam classifier using NLP techniques, 'CountVectorizer' for feature extraction, and an Artificial Neural Network (ANN) in Python. Achieved an impressive accuracy of 98.3% in real-time message classification.

  **Technologies Used:** Python, TensorFlow, scikit-learn, CountVectorizer
- **Movie Sentiment Analysis**: Implemented sentiment analysis to compare the performance of an SVM classifier and RNN with LSTM for movie reviews. Despite expectations, the RNN with LSTM, which handles sequential data well, only reached 50% accuracy, while the SVM classifier achieved 86.9%.

  **Technologies Used:** Python, SVM, RNN, LSTM, Keras, TensorFlow, scikit-learn

## Technical Skills

- **Core Skills:** Data Structures and Algorithms, Object-Oriented Programming, Machine Learning, Natural Language Processing
- **Languages:** Python, C, Java
- **Web Technologies:** HTML, CSS, JavaScript
- **Frameworks:** Django
- **Databases:** MySQL
- **Operating Systems:** Windows, XV6
- **Soft Skills:** Problem-Solving, Teamwork, Critical Thinking
- **Areas of Interest:** Artificial Intelligence

## Positions of Responsibility

- **Executive Member**: Graphic Cafe (Jan 2024 – Present)
- **Senior Executive Member**: CSEA (Aug 2024 – Present)