

Anne Sai Sumanth Chand

+12019208203 | sumanthchand1234@gmail.com | Jersey City, New Jersey, USA



EDUCATION

Masters in Data Science

New Jersey Institute of Technology, New Jersey, United States

August 2024 - Present

GPA: 3.667/4.0

Bachelor of Technology in Computer Science

Amrita Vishwa Vidyapeetham, Coimbatore, India

September 2020 - June 2024

GPA: 3.0/4.0

PROFESSIONAL EXPERIENCE

Software Developer Intern, DTDS, India

January 2024 - June 2024

- Set up ChirpStack Network Server on both Ubuntu 22.04 (inside a VM) and Windows OS, initialized gateways, and assigned devices to facilitate uplink and downlink operations.
- Configured InfluxDB to store uplink and downlink data, integrated it with Grafana for data visualization and analysis, and embedded Grafana dashboards into a web application.
- Developed an application for managing three types of LoRa devices, including sending downlinks through the UI.

PROJECTS

Smart Attendance System based on location

March 2023 - July 2023

To let the students give attendance based on their presence in the class which is found using their coordinates.

- Created a completely working dashboard both front and back-end using agile modeling and performed different testing over it.
- Tools Used:** EJS, Node JS, SQL, and CSS.

Research Collaborator Recommendation System

August 2023 - May 2024

- Extracted data from open APIs and constructed a comprehensive graph representation of research collaborations.
- Implemented SVD with cosine similarity, link prediction, node2vec, and GCN models to recommend potential research collaborators.
- We evaluated their performance and conducted necessary validation, highlighting the superiority of graph neural networks in providing accurate and efficient recommendations.
- Tools Used:** SVD, Link prediction, Node2vec, GCN.

Property Price Prediction

November 2022 - January 2023

To predict property prices based on property type and make analysis based on time series graphs.

- Analyzed the data through time series visualizations, made successful predictions, and evaluated them.
- Tools Used:** Google Collab, Time Series models such as ARIMA, Holt-Winters.

Weather Prediction

March 2023 - July 2023

To predict weather using both single-variate and multivariate using RNN.

- Created a RNN model which gives accurate forecasts for both single and multi-variate and implemented valid evaluation metrics.
- Tools Used:** Google Collab, RNN.

CERTIFICATIONS

Data Analysis and Visualization with Power BI - Microsoft, Coursera

November 2024

Ask Questions to Make Data-Driven Decisions - Google, Coursera

November 2022

TECHNICAL SKILLS AND INTERESTS

- Programming Languages:** C++, SQL, Java, Python, JavaScript, Node JS, HTML, CSS.
- Databases:** MySQL, InfluxDB, MongoDB
- Relevant Coursework:** Data Structures & Algorithms, Foundations of Data Science, Business Analytics, Object Oriented Programming, Database Management Systems, Software Engineering.
- Tools:** GitHub, Tableau, Grafana, Docker, Overleaf, PowerBI, GCP.

EXTRA CURRICULAR ACTIVITIES

Part of a Sustainable initiative by Mata Amritanandamayi and UNESCO named Live-in-Labs as part of C20 and G20.

Member of Team Media, (Team Meda is the photography club of Amrita).

July 2022 - April 2024