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TEJAS PARVATHAPPA

Data Analyst

Linkedin
Github

EDUCATION

Master of Science, Information Technology and Analytics, Rochester Institute Of Technology, GPA: 3.8/4 **Aug 2021 — May 2024**
Bachelor of Technology, Information Science, CMR Institute of Technology, GPA: 3.5/4 **Aug 2017 — Aug 2021**

EXPERIENCE

Graduate Research Assistant - AI and Accesibility **Aug 2023 — Present**
Rochester Institute Of Technology **Rochester, NY**

- Managing research activities focused on assessing the accessibility of **Generative AI models** and **LLM's** for students from culturally diverse backgrounds and DHH students **through a funded tuition scholarship of 80%**.

Graduate Teaching Assistant - Advanced Statistics **Jan 2023 — May 2023**
Rochester Institute Of Technology **Rochester, NY**

- Hosted tutoring sessions on **Data Analysis**, research models and methods, **Hypothesis testing**, **Data visualization** for a class of **45 undergraduate students**, and providing feedback on their submissions.

Data Analyst Co-Op **May 2022 — Dec 2022**
ITT Inc **Seneca Falls, NY**

- Analyzed and cleansed large datasets using **Excel and Pandas**, resulting in a **40%** improvement in data accuracy and **25%** reduction in processing time collaborating with a team of **5 Supply Chain Analysts**.
- Developed a Shipment tracking report on **Power BI** enabling user to track shipments across the globe improving tracking results with **32%** greater accuracy.
- Assisted reclassification of **2500+** purchase orders/month on Spend Analytics ML tool (**Sievo**) including a new classification system for commodities of Global Supply chain team.
- Collaborated with the Delivery and Dispatch department in producing **data driven solutions** from **12 Transportation Metrics to 25** increasing overall production efficiency.

Database Management Intern **May 2020 — Sept 2020**
Indian Designs Pvt Ltd **Bangalore, India**

- Authenticated testing modules for backend identity scanner using **Logistic Regression models** with an accuracy of **87%**.
- Tracked in-house inventory using **MySQL Server**, handled client data and updated production teams for future stocking and analysis with over **2000 users**.

PROJECTS

Indian GDP Analysis using PowerBI and ArcGIS ([Link](#))

- An interactive **Power BI** report analysing GDP over time and some of the key factors included. An **ArcGIS** Component is included for additional analysis.

ASL Image Classifier ([Link](#))

- Developed an Image classification model that detects and responds with alphabets when prompted with hand gestures images using **CNN/Keras/Sci-kit/Pandas/Seaborn** visualizations with an accuracy of **96%**.

House Price Prediction using Time Series ([Link](#))

- Predicting House prices in NYC from 2008 to 2018 using **Linear Regression**, **Seasonal Deocmposition** and **SARIMA models** on **Jupyter Notebook**.

University App for CMRIT ([Link](#))

- Developed an attendance tracker app containing virtual notice board, Google sign-in authentication and a Student performance prediction model using **Logistic Regression** modeling with an accuracy of **84%**.

SKILLS

Languages	Python, JavaScript, HTML, R
Databases	MySQL, MS SQL Server, Azure Synapse, MongoDB, Firebase
Tools/Technologies	Microsoft Excel, Power BI, Tableau, Jupyter Notebook, Sievo, ArcGIS Pro
Libraries/Frameworks	Pandas, Numpy, TensorFlow, Sci-Kit, Seaborn, Matplotlib, PySpark, Scrum/Agile Methodologies