SRAVANI ARUGUNTA

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🌐 https://sravanireddy02.github.io/MyPortfolio/

Education

Georgia State University · **Aug. 2023 – Present**
Master of Science in Computer Science (GPA: 3.60 / 4.00) · *Atlanta, Georgia*

Jawaharlal Nehru Technological University · **Aug. 2019 – May 2023**
Bachelor of Science in Computer Science (GPA: 3.52 / 4.00) · *Hyderabad, India*

Technical Skills

Languages: Python, SQL, NoSQL, R, LaTeX, HTML/CSS, React.js, Javascript, TypeScript
Databases: MySQL, MongoDB, SQL Server
Technologies & Frameworks: Tableau, Figma, Bootstrap, Tensorflow, NumPy, Pandas, Flask
Development Tools & Platforms: Git, AWS, Qualitrics, Google Forms, SurveyMonkey, Visual Studio Code, Tableau, Microsoft Suite, Jupyter Notebook, Windows, Linux

Experience

Research Assistant, EPIC Labs · **May 2024- July 2024**
Georgia State University · *Atlanta, Georgia*

- Migrated Political Rap database to GoDaddy domain, **uploaded and managed** political rap content, including videos and citations.
- Collaborated with students to update and enrich website content.
- **Enhanced user experience** and optimized site for search engines. Troubleshoot and resolved website issues promptly.

Teaching Assistant · **Aug 2023 – April 2024**
Georgia State University · *Atlanta, Georgia*

- Supported the Computer Science department by organizing educational materials and maintaining resources, showcasing **strong organizational skills**.
- Provided **technical support and problem-solving assistance** during weekly office hours, helping over 40 students per semester, collaborated with faculty to automate and improve grading processes.

Data Analyst Intern · **Jan 2023 – May 2023**
Autosavvy · *Hyderabad, India*

- **Assist** in qualitative research design and survey methodology using tools such as **Qualtrics**, **SurveyMonkey**, and **Google Forms**.
- **Collect**, **clean**, and **interpret text** and survey data using **MS Excel**; perform descriptive and inferential **data analysis** using **Python**, with basic knowledge of **R**.
- Support the development of research reports, manuscripts, and internal **documentatio**n with **Word** and **PowerPoint.**
- **Contribute** to survey design and analysis activities to ensure **accurate data collection**.
- **Generate and interpret graphs and bar charts** to effectively visualize and communicate **research findings**.

Projects

SkySentiment: Elevating Airline Service | *Python* · **Data Science and ML Backend Project**

- Contributed to the "Airline Service Quality" project by executing data preprocessing tasks using advanced NLP techniques to prepare Twitter data for sentiment analysis.
- Enhanced data accuracy and model efficiency by meticulously cleaning and structuring large datasets, supporting the team's successful sentiment classification efforts.

BrainyTictactoe - AI | *Python, NumPy, PyGame* · **ML Backend Project**

- Devised an AI-powered Tic-Tac-Toe game using the Minimax algorithm for optimal move decisions. Integrated alpha-beta pruning to significantly enhance the algorithm's efficiency.
- Designed a user-friendly interface with PyGame. Implemented dynamic game status updates to reflect real-time gameplay. Ensured robust AI performance by efficiently evaluating board states and handling win/loss conditions.

Leadership Skills

Events Chair, Indian Student Organization · **Aug 2023 – Dec 2023**
Georgia State University · *Atlanta, Georgia*

- Successfully planned, coordinated, and executed numerous events, showcasing **communication**, **leadership**, **organizational**, and **time management skills**.
- Led teams to manage logistics and ensure events ran smoothly and on time, strengthening my capability to **self-direct** and **take initiative.**