

SAI SIRI CHITTINENI

210-773-6435 | saisirichittineni@gmail.com | www.linkedin.com/in/saisirichittineni | <https://github.com/sea-rii>

SUMMARY OF QUALIFICATIONS

An undergraduate Junior student majoring in Computer Science with strong academic achievement and Practical Experience. Experience in high-stress communication & negotiation, involving advanced critical thinking. Effective in working in fast-paced, team-driven environments with high prioritization skills. Looking for an internship for the Summer of 2025.

EDUCATION

The University of Texas at San Antonio (UTSA)

Expected Graduation: Dec 2025

Major: Computer Science, Minor: Business Administration, Honors student

College involvement: Association for Computer Machinery (ACM) Junior officer, Code Quantum 2023 Outreach officer and Honors Alliance Society active member. Hackathons: Code Quantum 2023, Rowdy Hacks 2023

Relevant Coursework

Computer Programming I (Java)

Systems Programming

Data Structures

Computer Programming II (C)

Application Programming

Computer Organization

EXPERIENCE

Undergraduate Research Fellow (CARE lab)

(August 2024 – Present)

- Engaging in cutting-edge research focused on counterfactual analysis for machine learning models, with future applications to Large Language Models (LLMs).
- Leveraging AI techniques, I collaborate closely with academic mentors to explore the impact of counterfactuals on model interpretability, fairness, and robustness across different machine learning frameworks.
- Utilizing Python, machine learning libraries like TensorFlow, PyTorch, and NLP tools to develop innovative counterfactual generation techniques.

UTSA Academic Support Programs Tutor

(August 2023 – Present)

- Provided academic success to students across 7 subjects including computer science courses like Intro Programming I and II.
- Implemented a tutoring program to help improve students' scores by an average of 60 points.
- Conducted over 100 individual and group tutoring sessions, resulting in a 30% performance improvement.
- Participated in 40+ weekly peer leader meetings to discuss progress, challenges, and strategies for enhancing student success.

PROJECTS

Scrape 'n' taste Chicago

(June 2024)

- Conducted an in-depth, automated statistical analysis on the restaurant data using python web scraping tools, requests and BeautifulSoup.
- Extracted restaurant data for the top 70 restaurants near Chicago from Yelp and generated a comprehensive CSV file containing 7 pages worth of data.
- Implemented pagination and data cleaning to ensure data accuracy and consistency.
- By automating the restaurant search process, the time spent was reduced by 40% compared to manual methods.

Personal Portfolio (<https://saisirichittineni.com/>)

(March 2024 – April 2024)

- Created visually appealing and user-friendly website interface featuring responsive design and intuitive navigation.
- Utilized HTML, CSS and JavaScript to create a professional and user-friendly experience.
- Implemented responsive design principles to ensure optimal viewing across devices.

SKILLS

- **Soft-Skills:** Leadership, Strong Written and Verbal communication, Team Management
- **Languages:** Java, C, Python, SQL, JavaScript, CSS and HTML
- **Operating Systems:** UNIX, Windows OS, Linux, MacOS

CERTIFICATIONS

- AWS Certified Cloud Practitioner CLF-CO2
- DSA Practitioner at the Professional Level by W3Schools.
- Git and Github Masterclass Certification by Udemy
- CRLA International Tutor training Program Level I and Level II Certified.