Ayman Charania

Email : aymancharania123@gmail.com
Website : aymanc23.github.io
LinkedIn : linkedin.com/in/aymancharania
Mobile : +1-409-225-6815

Education

Rice University — Houston, TX
Bachelor of Science in Computer Science, minor in Data Science; GPA: 3.89 — *Aug. 2022 – May 2025*

Experience

Munro's Dry Cleaning Company — Beaumont, TX
Software Engineering Intern — *May 2024 - August 2024*
- Collaborated with a development team to design and implement an employee management system, streamlining the process of tracking employee records, categories, and salaries across multiple branches
- Worked closely with stakeholders to identify business requirements, delivering a solution that significantly improved administrative efficiency
- Performed rigorous testing and debugging to ensure the system's reliability and scalability for future use

Rice Data Exploration and Experiential Projects (DEEP) — Houston, TX
Mentor — *August 2023 - December 2023*
- Led a team of students through a semester-long data-driven project, guiding them in analyzing real-world datasets and addressing real-life challenges.
- Provided one-on-one mentorship throughout the data science pipeline, helping team members enhance both their theoretical understanding and practical coding skills in data science methodologies.
- Oversaw the successful execution of a data-driven project from conceptualization to completion, with a focus on fostering teamwork and delivering a high-quality, showcase-worthy final product.

Sunshine Stores Inc. — Beaumont, TX
Data Intern — *March 2023 - August 2023*
- Collected, processed, and analyzed data from daily business operations to generate insights for optimizing store performance and streamlining workflows.
- Assisted in data cleansing and migration efforts, ensuring data accuracy and integrity in preparation for the company's transition to a new data management system.

Projects

Munro's Employee Management System — Beaumont, TX
Full Stack Software Engineer — *July 2024*
- Designed and implemented both frontend and backend components of an employee management system, enabling efficient tracking and management of employee records, categories, and salaries across Munro's Cleaners branches.
- Developed user-friendly interfaces and backend database structures, ensuring real-time updates and accurate reporting, significantly improving administrative processes.

CRDN Restoration Services — Beaumont, TX
Backend Software Engineer — *May 2024*
- Developed backend systems for the CRDN website, focusing on disaster recovery services for textiles, arts, contents, and electronics, ensuring seamless data processing and service management.
- Integrated service request forms and backend functionalities to improve customer service efficiency and streamline operations during disaster recovery efforts.

Batter Bar HTX — Houston, TX
Full Stack Software Engineer — *August 2023*
- Led the full stack development of a responsive website for Batter Bar, a Houston-based bakery, featuring a diverse range of desserts and services, with options to explore the menu, pricing, and contact information.
- Implemented both frontend user interfaces and backend SEO strategies, enhancing website performance, user engagement, and online visibility.

Programming Skills

- **Languages**: Python, Java, JavaScript, CSS, HTML, C, Golang, Racket, TypeScript, SQL
  Technologies: React, Pandas, Git, node.js, MySQL, Excel, PowerPoint, Word, LaTeX