

Ayman Charania

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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, L^AT_EX