Israel Trejo

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EDUCATION

University of Houston, Houston, TX

Bachelor of Computer Science — GPA: 3.76 — Expected May 2026

- Relevant Coursework: Algorithms & Data Structures, Automata, Operating Systems, Linear Algebra, Statistics, Discrete Math

PROFESSIONAL EXPERIENCE

Data Science Workshops Intern — April 2025 - Present

University of Houston — Houston, TX

- Created clear and visually appealing slides and materials to support workshop content
- Maintained clear and timely communication with organization leadership and peers
- Provided hands-on learning experiences to help 15 participants apply Data Science techniques

Data Structures Tutor — Feb 2025 – Present

University of Houston – Computer Science Department — Houston, TX

- Tutored a course containing 200 undergraduate students at the university
- Delivered effective help in students' understanding of Data Structures and Algorithms

PROJECT EXPERIENCE

Coogs for Energy Hackathon Winner | University of Houston — Feb 2025

- Collaborated with a team of 6 to research solutions to recycle biomass into renewable energy, fertilizer and RNG
- Worked in a diverse team of chemical engineers, business, and computer science majors

UH Student Campus Website | TypeScript, React.ts, Next.ts, HTML, Tailwind.css — Feb 2025 - Present

- Helped develop the frontend design for a marketplace/tutoring website exclusively for students
- Constructed features for tutoring information and student marketplace listings
- Visualized GitHub data to show collaboration

LEADERSHIP EXPERIENCE

President of Art Association — Aug 2023 – Dec 2023

Lee College

- Led club meetings, established and drove club goals, fostering engagement and creativity
- Collaborated and coordinated projects with 40 students

SKILLS

Languages: C++, C, Python, HTML, CSS, JavaScript, SQL, R
Frameworks: PostgreSQL, Scikit-Learn, Jupyter, Jasmine, MongoDB, Express.js, React.js, Node.js
Developer Tools: VS Code, Git/GitHub, Excel, PowerBI, Tableau, RStudio
Libraries: NumPy, Scipy, Pandas, Matplotlib, Seaborn

CERTIFICATIONS

Google Cybersecurity Certification | Coursera — Nov 2024

- Python, SQL, Shell/Terminal, SIEM tools & Linux. Threat identification, network security, online security

Associate Data Engineer | DataCamp — Expected May 2025

- Fundamentals of data engineering: database design, data warehousing, PostgreSQL and Snowflake