Najy Altarawne

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EDUCATION

University of Houston, Houston, TX

Bachelor of Science, Computer Science   **Graduation May 2026**

GPA: 3.82

Relevant Courses: Database systems, C++ Advanced Fundamentals, Operating Systems, Artificial intelligence, Software design, Algorithm and Data structure, and Computer Networks.

PROJECT EXPERIENCE

Personal Project, Developer Portfolio (React + Vite)   **December 2025**

- Designed and built a responsive personal portfolio website using React and modern component-based architecture.
- Implemented reusable UI components to showcase projects, skills, and experience with clean, structured code, and deployed the site using GitHub

Phone Company Web Application & Database   **September 2024 - November 2024**

- Developed a web application for a phone company, integrating HTML, Node.js, and PostgreSQL for customer and payment management.
- Implemented auto-increment functionality for customer and payment IDs based on the highest current value in respective tables.

Library Database, Database Systems   **October 2024 - November 2024**

- Created a Python program to process schema input files, evaluate foreign key relationships, and check for duplicate primary keys.
- Generated detailed reports on database integrity and normalization status using the psycopg2 library for efficient database interaction and automation.

Honors and Awards

- Transfer excellence scholarship   **August 2024 – May 2026**
- Reynolds & Reynolds Company Scholarship**.**   **September 2026 – May 2026**
- Dean's List Student   **August 2024 – December 2025**

SKILLS AND CERTIFICATIONS

- **Certifications**:

  Introduction To Front End Development by Meta   **August 2025**

  Programming with JavaScript by Meta   **August 2025**

- **Programming:** C++, JavaScript, SQL, CSS, Python and HTML

- **Databases:** PostgreSQL, database design, normalization (1NF, 2NF, 3NF, BCNF), SQL optimization, referential integrity

- **Tools:** Next.js, React, Postman (API testing), and GitHub