

Omar Nasir

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Information Systems major at the University of Texas at Arlington with robust communication and programming skills honed through comprehensive coursework and hands-on projects. Adept at building and optimizing databases, combining analytical rigor with creative problem-solving. Excels in bridging technical and non-technical communication gaps to drive innovative IT solutions and effective collaboration.

Education

University of Texas at Arlington	Bachelor of Science in Information Systems	Graduation Year 2027
Tarrant County College	Associate of Information Technology	Graduation Year 2025

Work Experience

Programming Tutor at Local Mosque May 2024 – August 2024

- Taught high school students at Irving Mosque programming fundamentals in C++ including memory management.
- Instructed a class on database management using SQL.
- Learned problem solving skills and technological documentation skills.

Chipotle Mexican Grill April 2023 – July 2025

- Worked in a team to prepare food, handle currency transactions, and manage new employees.
- Provided leadership support in the absence of management, ensuring operational continuity.
- Constantly having to adapt to new demands and new positions to meet expectations.

Projects

MLA Essay Formatter

- Developed an application using Java that takes users essays and returns it in a .docx file formatted in MLA format. Using the Apache POI library.
- Stores user's information and essays into an SQL database to be accessed again later.

Hardware Store Database

- Created a database with a team to store customer's purchasing history for a small hardware store.
- Used Python to create code that takes user data and saves it into a SQL database. Used queries to sort and filter based on user's needs.
- Held weekly meetings with team to discuss issues and plan the outline of the program. Managed team code using Github and code reviews.

Services Website

- Programmed a website for a family-owned business using HTML, CSS, and JavaScript that allows users to order services such as moving, lawn mowing, and pool services.
- Included backend services using Java Springboot framework to create an API to save information entered by users into a database.
- Stored and queried user entered information into a database using SQL.

Skills, Certifications, and Relevant Coursework

Languages & Tools: Python, SQL, Java, C++, HTML, CSS, JavaScript, Excel, Power BI (familiar), Microsoft Access, Microsoft Excel, AWS.

Specializations: Data Analysis, Workflow Automation, Database Management, Process Mapping, Reporting & Visualization.

Courses: Programming C (A), Programming Python (A), Computer Networks & Distributed Computing (A), Database Management Systems (A), MIS/Data Processing (A).

Certification: Google Cybersecurity Certification (in progress) – Familiar with OWASP, CVEs and resolving CVEs, and NIST guidelines.