

Sejal V. Patel

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EDUCATION

University of Texas at Dallas

College of Natural Sciences and Mathematics

Richardson, TX
Expected May 2026

- B.S. Data Science
- Minor in Business Administration
- Relevant Coursework: Discrete Structures; Intro to Data Analytics; Database Systems; Linear Algebra

RESEARCH EXPERIENCE & PROJECTS

IntelliSys Lab

October 2022 – June 2023

Research Assistant

- Attend weekly group meetings discussing Federated Learning and cloud computing topics.
- Work with testing code to recognize vulnerabilities in Machine Learning and implement solutions.
- Delivered a series of presentations showcasing the results of analysis of research papers and the code.

Personal Portfolio Website

Summer 2023

- Designed and built a dynamic personal portfolio website from scratch using HTML, CSS, and JavaScript, providing an interactive platform for presenting my achievements, skills, and projects.
- Prioritized user experience by creating an intuitive and aesthetically pleasing design with a responsive layout, ensuring seamless access and navigation across various devices and screen sizes.

Recipe Generator Website – “Pekan Pi”

Fall 2022

- Designed and implemented an online pantry system, enabling users to add ingredients with quantities and units for efficient recipe organization.
- Developed a recipe recommendation algorithm that suggests recipes based on the ingredients in the user's pantry, enhancing user engagement.
- Collaborated with team members to resolve bugs, ensuring a smooth and error-free user experience.

WORK EXPERIENCE

American Weekend Entertainment, Inc.

May 2023 – February 2024

Webmaster Intern

- Monitoring and repairing backend issues for musicdaily.com & aweinc.tv
- Assigning credentials for new users and updating plug-ins as needed
- Maintaining best SEO practices for web categories and pages
- Researching and securing backlinks to websites

Law Enforcement Enterprise Portal (LEEP)

February 2023 – May 2023

Technical Support Operator

- Provided technical assistance to law enforcement officials, troubleshooting issues and resolving technical problems to ensure smooth operation of their account portal
- Responded promptly to emails and calls, addressing concerns and providing effective solutions

CERTIFICATION

Google Data Analytics Professional Certificate

April 2023 – Present

Coursera

- Skills in data collection, interpretation, and communication for effective presentation to stakeholders
- Proficient in data visualization, cleaning, and manipulation using tools such as SQL and Tableau

EXTRACURRICULARS

DFW Alliance of Technology and Women Member

January 2024 – Present

Transfer Mentor Program

September 2023 – Present

SKILLS

Technical: SQL, R/RStudio, JavaScript, HTML, CSS, Java, React, MATLAB, GitHub, Microsoft Office, Research
Languages: English (Fluent), Gujarati (Intermediate)