Shaheem Jaleel

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EDUCATION

The University of Texas at Dallas, Dallas, TX   May 2027
Bachelor of Science, Computer Science

GPA 4.0

Relevant Coursework: Computer Science II, Discrete Mathematics, Introduction to Computer Science

SKILLS

Languages: Java, C, C++, Python, JavaScript, HTML/CSS, SQL
Developer Tools: VS Code, Visual Studio, JupyterLab, IntelliJ
Technologies/Frameworks: React, NodeJS, Spring, Docker, Firebase, Flask
Project Management: Github, GitLab, JIRA

PROJECTS

NBA Win Predictor   November 2024
- Built a robust web scraper using BeautifulSoup and Playwright to extract comprehensive player and team stats for NBA games.
- Designed and implemented a predictive model with **RidgeClassifier** from the Scikit-learn library, leveraging **L2 regularization** to classify NBA game outcomes.
- Applied **TimeSeriesSplit** for cross-validation, ensuring the temporal order of data was preserved for realistic predictions.
- Optimized model performance through **SequentialFeatureSelector** with a backward elimination approach, boosting accuracy from **55% to 85.7%**.

Personal Portfolio   October 2024
- Built a sleek and responsive personal portfolio website using **React** and **Tailwind CSS**.
- Improved user experience by integrating libraries such as **GSAP** for smooth animations, transitions, and interactions as well as **Lenis** for smooth scrolling.
- Designed and developed modular and reusable components for structure and scalability.

Sudoku Solver   February 2023
- Created Fully functional Sudoku solver in **Java** involving a user interface for manual input.
- Designed algorithms for puzzle validation, ensuring row, column, and grid constraints were satisfied.
- Handled input validation to ensure users provided valid Sudoku puzzles.
- Optimized the solving algorithm for efficiency, ensuring quick resolution of complex puzzles.

Blackjack   April 2023
- Developed a text-based Blackjack game in Java that simulates a real card game involving multiple players and a dealer.
- Implemented core game logic, including shuffling, dealing, scoring, and determining winner using **Object-Oriented Programming** principles.

LEADERSHIP & COMMUNITY EXPERIENCE

ICNA Relief, Dallas, Texas   June 2020 - Current
Volunteer
- Collaborated with local organizations and donors to facilitate the distribution of essential supplies during emergency relief efforts.
- Coordinated weekly volunteer activities, including meal preparation and packaging for food banks, ensuring efficient service delivery to recipients.
- Assisted in organizing community outreach programs, including back-to-school drives and health fairs, to support marginalized communities and promote overall well-being.