Safa Mohammed

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EDUCATION

The University of Texas at Dallas   Aug 2021 - Dec 2025
Bachelor of Science, Computer Science   **GPA 3.74**
Master of Science, Computer Science - Intelligent Systems (via 4-in-1 accelerated program)
Relevant Coursework: Data Structures and Algorithm Analysis, Operating Systems, Database Design, Discrete Mathematics, Artificial Intelligence, Digital Logic

SKILLS

Languages: Java, Python, C/C++, Dart, Git, HTML, CSS, Powershell, SQL
Frameworks/Tools: Pandas, Flutter SDK (mobile app development), Git, Flask, React

WORK EXPERIENCE

Bell Helicopter Textron, Fort Worth, TX
Information Technology LDP Intern   Jun 2024 – Aug 2024
- Implemented efficient data cleaning and merging processes using Pandas, enhancing non-employee record accuracy and operational efficiency to reduce security risks with automation.
- Engineered PowerShell scripts for ETL process with LDAP user data and automated critical system admin tasks, resulting in increased efficiency and accuracy in user data management.
- **Technologies**: Python, Pandas, PowerShell, SQL, Jupyter Notebook, SAP, Excel

PROJECT EXPERIENCE

RememberMe, Association of Computing Machinery
- Co-developed a cross-platform mobile application using Flutter, designed to help students/professionals remember details about people they meet, thus improving communication and interactions in a professional setting.
- Enhanced user memory retention with a virtual notecard memory game and implemented account QR codes to share user details easily.
- Placed 2nd during the ACM Project Showcase out of 10+ projects.
- **Tech Stack**: Flutter, Dart, Firebase, Git, Figma

MADD Mobile, JP Morgan Chase Code for Good Hackathon
- Designed and developed a web application within 24 hrs for MADD (Mothers Against Drunk Driving) to reduce the frequency of drunk driving-related incidents by raising awareness and increasing interactivity.
- **Tech Stack:** React, HTML, CSS, MongoDB, Postman, Git, Figma

Portfolio Website, Personal Project
- Developed a web application showcasing my projects and skills emphasizing responsive design and user experience.
- **Tech Stack**: JavaScript, HTML, CSS, React, Git

LEADERSHIP EXPERIENCE

Association of Computing Machinery, UTD, *Project Manager*   Dec 2022 – Current
- Managing a team of 4 undergraduate students to develop a fully functional mobile application by facilitating communication, assigning tasks accordingly, and ensuring the team is meeting deadlines.
- Develop 5 innovative project ideas every semester and conduct feasibility research for a minimum viable product.
- Successfully led 2 projects to place 2nd at the final software project showcase.

Women Mentoring Women in Engineering, UTD, *Events Chair*   May 2024 – Current
- Organize and plan execution of events on campus handling logistics such as set-up, food, & company sponsorship needs.

ADDITIONAL INFORMATION

Eligibility: US Citizen, Eligible to work in the US for internships and full-time with no restrictions