MOHTASHIM SYED
Software Engineering Intern
Dallas, TX | P: +1 (214) 836-4954| MUS210002@UTDallas.edu

EDUCATION

UNIVERSITY OF TEXAS – DALLAS   Richardson, TX
Bachelor of Science in Computer Science   Expected May 2026

Relevant Coursework: Data Structures & Algorithms, Software Engineering, C/C++ in UNIX, Computer Science I/II, Discrete Math for Computing I/II, Probability and Statistics in CS, Calculus I/II, Linear Algebra

WORK EXPERIENCE

MARK CUBAN AI BOOTCAMP (UT DALLAS)   Grapevine, TX
Mentor   Jun 2023 – December 2023
- Mentored 12 high school students via the Mark Cuban AI Foundation, delivering interactive AI education to enhance their understanding of AI concepts and ethics.
- Developed and implemented a comprehensive AI curriculum in collaboration with the Mark Cuban AI Foundation, emphasizing 5 hands-on projects to enhance conceptualization and rationalization.
- Showcased the impact of the AI curriculum on NBC 5, promoting the Mark Cuban AI Foundation's mission and inspiring students' technological literacy and career aspirations.

THE SYED CO.   Hurst, TX
Founder   Aug 2021 – Present
- Designed and executed an Agile-based solution for a client's project, streamlining processes and enhancing analytical efficiency; reduced project timeline by 20% and increased client satisfaction by 30%, providing effective customer service.
- Collaborated with a team of 4 peers to brainstorm and implement functional solutions, ensuring project viability.
- Absorbed extensive knowledge in AI, robotics, development methodologies, processing/storage/networking technologies, software security, databases, models/simulations, and team dynamics.

UNIVERSITY PROJECTS

HACKATHON: DRIVEGUARDIAN | *Python* **| 2nd Place**   Apr 2023
- Earned 2nd place at HackAI for leading the design and development of DriveGuardian, an AI-driven app. Utilized PyTorch, Ultralytics, and YOLOv5 for seamless object detection, enhancing UI/UX integration while promoting safe driving habits.
- Applied CNNs to real-time detection of risky driving behaviors (drunk driving, distracted driving, and drowsiness) with an 80% average accuracy rate.
- Guided an intuitive, 2-page interface to provide real-time feedback to drivers for safer road behavior. Leveraged Pytorch for efficient data processing and analysis.

TICKETS SALE SYSTEM | *Java*   Sep 2023
- Developed the backend for an online ticket reservation system, facilitating selection from a seating arrangement of up to 10 rows and 26 seats per row, resulting in improved user experience and increased efficiency in ticket reservations.
- Utilized effective file handling mechanisms to interpret auditorium layouts from external files, enabling best seating representations and ensuring real-time seat availability updates for a total of over 260 seats and outputting into a new file at every update.
- Innovated an intuitive user interface with a menu system and seat selection options, successfully managing up to 3 ticket types (adult, child, and senior) per reservation, resulting in a streamlined ticket purchasing process.

ADDITIONAL

Technical Skills: Java, C/C++, HTML, CSS, Python, Javascript
Developer Tools: Git, Eclipse, Google Cloud Platform, Microsoft Azure, AWS, Visual Studio
Power: Executive Presence, Leadership, Persistence, Effective Planning, Adaptability, Development, Problem-Solving, Teamwork, Communication
Additional: HEX/VEX Robotics. English, Spanish, Urdu, Hindi, Punjabi, Arabic