

SHAN MEMON

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Science Minor: Business Overall GPA: 3.81	May 2023
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Related Coursework **Completed:** Data Structures, Discrete Math, Computer Architecture, Linear Algebra, Operating Systems, Undergrad Research

Planned: Multi-core OS, Computer Graphics

WORK EXPERIENCE

Pecos Solutions – <i>Software Engineer</i> ; Austin, TX <i>Document classification and data extraction services</i>	September 2020 - Present
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- UI/UX Web Design and Development with React and Styled Components
- Interfaced with AWS API end points

Saga Labs – UT Austin – <i>Research Assistant</i> ; Austin, TX <i>Simulation and Game Applications Lab</i>	June 2020 - August 2020
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- Built a Unity3D simulation for research
- Integrated cutscene, animation, and dialogue systems
- Implemented Google Sheets API to collect information
- Utilized Scrum team management with Jira

Ceremity – <i>Software Engineer Intern</i> ; Katy, TX <i>Enterprise Software Solutions</i>	June 2018 - August 2018
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- Developed a VR fitness game using Unity in C#
- Created a game tool using React
- Employed VRTK for rapid prototyping

HACKATHON PROJECTS

American Airlines Bathroom Queue (JS/React) – <i>TAMUHack</i>	Jan 2021
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- Built a web app to help passengers join a bathroom queue from their seat
- Integrated libraries to scan and generate QR codes
- Create custom API with Serverless framework in AWS

ASL VR (C#/Unity) – <i>Klein Hacks 1st Place</i>	April 2019
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- Built a Unity VR project to predict and teach American Sign Language
- Integrated Leap motion hand tracking libraries
- Developed hand tracking AI to predict what hand sign the user is making

Report It (Dart/Flutter) – <i>UH Code Red 2nd Place</i>	Nov 2018
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- Created an IOS/Android App that allows users to report crimes and view dangerous activity in their vicinity
- Integrated Firebase to store report information and current location
- Used MapBox API to integrate map display
- Handled camera I/O to take photos of crime

HONORS

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| • 2019 TSA Coding National Competitor (Java) | June 2019 |
| • 2018 SkillsUSA Computer Programming National Competitor (C#) | June 2018 |

ADDITIONAL INFORMATION

Skills: Git, Java, C#, C, HTML, CSS, JavaScript, React, Python, Photoshop, Blender, Sony Vegas

Certifications: Microsoft Office Specialist Certification (2016)

Languages: Conversational in Urdu

Interests: VR/AR, CS:GO, Ultimate Frisbee, Table Tennis, Anime

Work Eligibility: Eligible to work in the U.S. with no restrictions