ASAD ALI

17318 Kininvie Crossing
Richmond, Texas, 77407
(281)-965-6178
asadzali89@tamu.edu
Class of 2022

A self-motivated, and hardworking student, with an extensive background in computers looking to leverage experience and team skills into amazing oppurtunities.

SUMMARY OF QUALIFICATIONS

- Excellent interpersonal and communication skills, and a demonstrated willingness to work in a team environment with diverse faculty, colleagues, researchers and students.
- Passion for learning new technologies and software that challenges my ability and creativity.

EDUCATION

TEXAS A&M UNIVERSITY, COLLEGE STATION, TX **Class of '22**
- Received a Bachelor's Degree in Computer Engineering (Electrical Engineering Track) and a Minor in Cybersecurity and Computer Science.

WORK EXPERIENCE

- **Full Stack Web Developer (*June 2020 – August 2020*) at riSpectra**. Created a Full-Stack website to allow companies to calculate risk. In this I used **Angular JS and MongoDB** to help build a fully functioning website.

- **Software Development Intern – IBM Cloud (*June 2021 – August 2021) at IBM.** Worked on the frontend and backend aspects of IBM Watsons chatbot feature. Worked in **React, HTML, CSS** and **Python**.

- **Full-Time Software Developer – Pariveda (*June 2022 – Present)*.**

RESEARCH

- Research under Dr. Hong Liang Ph.D. In this research we are developing better and more efficient Supercapacitors.
- Research under Dr. Dylan Shell Ph.D. Work with ROS implementing AI algorithms.

COURSEWORK AND SKILLS

- **Course Work**
  - Data Structures and Algorithms, Intro to Computer Systems, Big Data, Design and Analysis of Algorithms, Databases, Cloud Computing, Artificial Intelligence, Circuits and Circuit Design, Computer Architecture
- **Skills**
  - Web Design, Digital System Design
  - Azure Cognitive Services, Linux, Git, Google Cloud Platform, Zenhub

LANGUAGES

- **Computing Languages Known:**
  - Reactjs, Angular JS, C/C++, Python, JavaScript, HTML5, CSS, SQL, NodeJS, MongoDB
- Spanish, Urdu, Gujrati, and Hindi

PROJECTS

- **NASA L'SPACE Academy**
  - In this academy the goal was to design a probe that would be sent to Saturn's moon
  - I was part of the Engineering team who had to design and create the probe
  - Created my first PDR (Preliminary Design Review) of the probe we created
- **Aggies Invent – 48 hour challenge (1st Place)**
  - A competition where students from 26 universities solve various problems in the world
  - The problem we had was to improve a medical visit to the hospital by the patient
  - Created an AR application in C++ using HP Aruba Beacon Technology (1st Place)

LEADERSHIP AND VOLUNTEER EXPERIENCE

- **Programming Chair of IEEE – (2019-2020)**
- **ICERV volunteer**
  - Part of Hurricane Harvey relief in Houston where we provided food and water
  - Masks for Nurses. Initiative to provide masks to medical professionals.
  - I enjoy helping others when help is needed and I am an advocate for community service