

Amaan Chaudhry

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EDUCATION

Texas A&M University, College Station, TX

Aug 2021 – May 2025

- Computer Engineering, Minor in Mathematics, 4.0 GPA

Clear Falls High School, League City, TX

Aug 2017 – May 2021

- Rank: 11/626, Summa Cum Laude

SKILLS

- Python, Java, C++, React.js, HTML/CSS/JavaScript
- Git/GitHub, Amazon Web Services, Microsoft Office, CAD, Circuit Design, 3D Printing, Robotics

ORGANIZATIONS

Aggie Coding Club – *Member*

Sep. 2021 – Present

- Participated in a project called VisionScan that taught me the basics of OpenCV (computer vision software)
- Attended workshops to learn the characteristics of the computer science industry

Texas A&M Muslim Student Association – *MSA Officer Intern*

Aug 2021 – Present

- Assist social officer in event planning and logistics.
- Volunteer at the Islamic Community of Bryan College Station and participate in Project Downtown (provide essential services to the homeless and underserved population)

Clear Lake Islamic Center – *Youth Director*

June 2019 – Aug. 2021

- As Youth Director, I've helped design the curriculum, given speeches to the students, assisted in youth programs, and organized special events.

Clear Falls Rockets Club – *President*

Aug. 2020 – June 2021

- Participated in the Team American Rocketry Challenge and qualified for nationals in Washington DC
- Brought in Nasa engineers to share their experiences and give advice to students
- Volunteered at a nearby middle school to teach students the basics of RockSim (rocket simulation software) and the process of prototyping model rockets

Clear Falls Robotics Club – *Vice President*

Aug. 2020 – June 2021

- Placed 1st in a district robotics competition and competed in a state competition
- Assisted in designing/building the robot and coded the autonomous mode using ROBOTC language
- Volunteered at Hyde Elementary School and taught students to program and build robots

PROJECTS

Stock Predictor Web Application | Sep '22

- Web scraped stock data from yahoo finance and processed/filtered data to contain only what I needed
- Utilized a Long Short Term Memory Network (LSTM) for building a model to predict the stock prices of any input stock
- Created graphs and visualized data using matplotlib
- Created an interactive python streamlit web application which I used to display my model and findings
- Deployed stream lit application to the internet using AWS EC2, S3, and Route53

Personal Website | Aug '22

- Created and hosted a personal website containing information about my projects, experience, and organizations
- Developed website using React.js, HTML, CSS, JavaScript, and Git
- Hosted secure website with registered domain name using AWS S3, Route 53, and CloudFront

LICENSES & CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | Amazon Web Services (AWS) | Aug '22
- **Software Engineering Virtual Experience Participant** | JPMorgan Chase & Co | June '22

LANGUAGES

- **Languages:** Native English, Intermediate Bangla and Urdu, Elementary Arabic and Spanish