

# 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)
- Present Islam to Muslims and non-Muslims and promote good relations and understanding between them

### 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

### Academic Tutor

Aug. 2018 – May 2021

- As an academic tutor, I've supported students struggling in calculus 1, digital electronics, and computer science by preparing practice tests that simulated the actual testing environment and providing useful tips and strategies on how to approach studying

## PROJECTS

### Personal Website | Sep '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 and Bangla, Intermediate Arabic, Urdu, and Spanish