

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

SKILLS

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

EXPERIENCE

Cicero.ly – Software Engineer Intern

Oct. 2022 – Present

- Converting app.cicero.ly web app into a cross-platform mobile app using Apache Cordova and Ionic framework
- Learning JavaScript, Node.js, React & MUI, React-Redux, MongoDB, Mongoose, and Python technologies

Aggie Coding Club – Technical Team Member

Sep. 2021 – Present

- Utilizing React.js as front-end developer for Aggiebus.ai to display predicted bus stop times and capacity using ML (Present)
- Assisted in VisionScan, a project that taught me the basics of python OpenCV (computer vision) (2021)
- Attended workshops to learn the characteristics of the computer science industry

Texas A&M Muslim Student Association – Officer Intern

Aug 2021 – Present

- Assisting 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

PROJECTS

Group Fly Full Stack Application

Oct. 2022 – Present

- Creating a full stack application to centralize flight booking and planning process for groups
- Web scraped flight ticket data from Amadeus flight offer API
- Developed front end using HTML and CSS tailwind
- Will Utilize OAuth API for a seamless authentication experience
- Will develop the backend using JavaScript and Firebase
- Will deploy application to the internet using cloud services such as AWS EC2, S3, and Route53

Stock Predictor Web Application

Sep. 2022 – Sep. 2022

- Utilized a Long Short Term Memory Network (LSTM) for building a model to predict the stock prices of any input stock
- Web scraped stock data from yahoo finance and processed/filtered data using Pandas and NumPy
- 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

Portfolio Website

Aug. 2022 – Sep. 2022

- 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