

SABRINA AHMED

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EDUCATION

Texas A&M University | College Station, TX

May 2023

- **Bachelor of Arts in Computing, Minor in Business**
- **Relevant Coursework:** Data Structures & Algorithms, Discrete Structures for Computing, Introduction to Program Design and Concepts, Business Programming Logic and Design, Engineering Mathematics I & II
- **Programming Languages:** C#, C++, Python, ASP.NET, JavaScript, HTML/CSS, Java, Haskell, Assembly
- **Technical Skills:** ReactJS, Bootstrap, .NET, Django, Git, VS Code, Visual Studio, Postman, Azure Cosmos DB

WORK EXPERIENCE

Texas A&M University- Computer Science Department

Peer Teacher | College Station, TX

September 2021– Present

- Teach four classes of 24 college students on a weekly basis for an introductory C++ course
- Hold office hours to guide students in the computer science coursework by answering questions
- Work with professors and other peer teachers to figure out ways to aid students in understanding the material

Credera

Open Technology Solutions Intern | Denver, CO

June 2021 – August 2021

- Consulted with the client Red Lobster on developing a replacement for their online ordering software
- Constructed the API and making the Dashboard front-end application using .NET and ASP.NET in a project group
- Created schema and endpoints for the Customer and tested them using Postman to input information into Cosmos DB

Neighborhood Rescue of America

Web Development Intern | Remote

December 2020 – February 2021

- Worked with a team of developers on an [animal abuse registry website](#)
- Scraped government databases to publish information on the animal abuse registry website using Python and Django
- Connected the code to AWS and Heroku to deploy the web application in a manageable size

PROJECTS

American Airlines Bathroom Queue | Developer/Creator

January 2021

- Produced a web application for Texas A&M Hackathon to solve the issue of airplane bathroom lines with a QR code
- Worked in a group of four to construct an API and deploy the website using Amazon Web Services

Machine Language and Assembly Language Reverse | Sole Developer/Creator

April 2021

- Created a program using C++ to take Machine Language and convert it into Assembly Language and vice versa
- Used a hash table to add and look up keys and values for the conversion

Aggie Registration Alert | Developer/Creator

September 2020 – January 2021

- Create a notification system for students to get alerted when a selected class is available for university registration
- Coded for the frontend Dashboard using HTM/CSS and JavaScript for the UI when selecting classes

OTHERS

Languages: English, Hindi, Urdu, Conversation Proficiency in French

Clubs/Organizations: Aggie Coding Club, Society of Women Engineers, Aggie Women in Computer Science

Work Authorization: Eligible to work in the US with no restrictions