TAHMID AHMED

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EDUCATION

University of South Florida, Tampa, Fl   **Expected Graduation: May 2024**

Junior, B.S.in Computer Science   **GPA: 4.00**

Relevant Courses: Programming Concepts, Program Design, Computer Organization, Data Structures.

Achievements: USF Green and Gold Presidential Awards, USF Deans List (Fall 2020-Spring 2022)

SKILLS

- **Languages and Technologies**: C++, C, Python, JavaScript, React JS, Node JS, Express JS, React Native, MySQL, Firebase, MongoDB, HTML, CSS, Bootstrap, VS code, Vim, Nano, Git, GitHub.
- **Other skills:** Organization and Management skills, Teamwork and leadership, Quick Judgment and decision making and Multitasking abilities.

EXPERIENCE

- **Teaching Assistant, USF Department of Computer Science**   *August 2022- Present*
  - Organized office hours to helps students with programming projects in C, debugged programming projects and provided lessons to clarify understanding of Program Design.
  - Worked with a team of Teacher Assistants to grade programming projects and exams.

PROJECTS

- **Debug this meme***, MERN Stack and Native mobile application*   *July 2022*
  - A full stack social media web application as well as mobile application dedicated for programmers to create and share programming-related memes/puns
  - Developed the web application using **React** working as the front end and implemented authentication using **Context API** while storing and retrieving data from **MongoDB** managed through a **RESTful** API that is designed by **NodeJS** and **ExpressJS** to serve as the backend with functionality validated through Postman.
  - Developed mobile application using React Native, making use of several React Hooks and third-party libraries and integrated it with Firebase Authentication, Firebase Firestore and Firebase storage.
  - Designed both the interfaces using Figma and Canva, and implemented with CSS to achieve a cohesive UI

- **Uber Eats Clone App,** *Native Mobile Application*   *May 2022*
  - The clone of user-side of the uber eats app where user can look through restaurants in their city and order their favorite food.
  - Designed and developed using **React Native** with a search location feature connected to **GooglePlacesAPI** to generate auto suggestions. Integration of the search feature with **Yard API** calls pulls out a list of restaurants in the selected city.
  - Implemented add-to-cart feature with **Redux** state management and **Firebase** for receiving order information.

- **Instagram Clone App,** *Native Mobile Application*   *May 2022*
  - Developed an accurate clone of the popular social media app Instagram with most of its functionality using React Native and Firebase.

- **MuzlemBot,** *NodeJS Discord Bot Application*   *April 2022*
  - Created a Discord Bot Application using Node JS which attends to the regular informational needs of the Muslim community. Web scrapes several blog pages using **Cheerio JS** and stores data in MongoDB alongside allowing users to perform CRUD operations from the discord chat.

ACTIVITIES & CLUBS

- ShellHacks, Miami, FL   *September 2022*
- ICPC, North America Regionals, Miami, FL   *March 2022*
- Hackabull, USF   *March 2022*
- MSA USF, Executive Officer,   *August 2022-Present*
- Society of Competitive Programmers, Member   *March 2021- Present*