Asif Rahman

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EDUCATION

Boston University, Boston, MA   May 2021 (*Intended Graduation*)
B.A. Computer Science
Relevant Courses
Analysis of Algorithms, Probability in Computing, Discrete Mathematics, Computer Systems, Linear Algebra, Intermediate Computing with Data Structure.

TECHNICAL SKILLS

- **Programming languages:** Java, Python, C, JavaScript, HTML & CSS.
- **Frameworks:** jQuery, React, Spring Boot Java, Jest.
- **Other:** IntelliJ, Eclipse, Git, Bitbucket, Android Studio, Unix.

EXPERIENCE

Liberty Mutual Insurance, Dover, NH   May 2019 – Present
Software Developer Intern

- Developed a tool that allows about 40,000 U.S employees to manage their work location arrangements in order to help with tax calculations.
- Designed the web interface using HTML, CSS and React, including integrations with Workgrid and a REST backend.
- Implemented unit tests using Jest/React Testing Library.

PROJECTS

DocuDog (Liberty Mutual Hackathon)

- Built a README generator that converts plain English to Markdown language to make the process of documentation easier and standardized across the organization.
- Implemented the front-end using HTML, CSS, React, Semantic UI and used Spring Boot Java in the backend to parse through the user input.

Braille++ (Hack UMass)

- Developed an Android app named "Braille++" that allows visually impaired people to take pictures with voice commands and provides a description of the picture using voice assistance to help them better understand their surroundings.
- Designed the front end of the web app with HTML, CSS, JavaScript and used Google Vision API for image recognition.

Global App Initiative

Developer

- Developed an Android app to help scientists access richer amounts of maricultural data by directly connecting them with marine farmers.
- Designed the UI for different pages of the app.

OTHER EXPERIENCE:

BostonHacks, *Organizer*   April 2019 – Present

- Collaborate with other team members to manage sponsors for the event and keep track of the funding.
- Develop and implement sponsorship sales plan to increase the number of sponsors for the event.

Transition to BU, *Internal Affairs Representative*   January 2019 – Present

- Maintain relationship with the academic advisers, different departments and offices within the college.
- Coordinate events and assist in administrative tasks.

ACHIEVEMENTS

Google Cloud Platform Award (Hack UMass)

- Won the Award for making the best use of Google Cloud with the Vision API.

MIT Impact Scholarship

- One of 6 high school seniors to receive the $10,000 scholarship for making a positive impact in the community.