

Aisha Mohammed Farooque

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EDUCATION:

Bachelor of Science in Computer Science

August 2020

University of Houston, Houston, Texas

Cumulative GPA: 3.8 GPA

Associates of Arts in Computer Science

June 2018

Lone Star College, Houston, Texas

Cumulative GPA: 4.0 GPA

SKILLS:

- **Programming Languages:** Java, Python, SQL, HTML/CSS/JavaScript, C++.

WORK EXPERIENCE:

- **Operations Lead, *Campus Recreation Center, University of Houston, TX:*** **May 2019 - Present**
 - Provided risk management, customer service, policy enforcement, facility access, equipment rentals, and cleanliness of the Campus Recreation Center.
 - Supervised 31 staff members. Additionally provided first aid and CPR when necessary.
 - Promoted to this supervisory position in seven months.

PERSONAL PROJECTS:

- **Test Driven Development – Minesweeper: *Java, JUnit and Maven* - [Source Code](#)** **February 2020**
 - Used Test First Development (no code without the test first) to create a Minesweeper game in Java.
 - Junit was used for unit test cases, analysis of code coverage and to improve code quality.
- **To-Do List: *JavaScript, HTML/CSS* – [Demo](#) and [Source Code](#)** **January 2020**
 - Created a web-based to-do list with JavaScript, HTML, and CSS.
 - Gives users the ability to add and remove tasks. Users can also check and uncheck list items.
- **Infinite Addition and Multiplication: *Python* – [Source Code](#)** **February 2019**
 - Python's built in additional and multiplication operators can handle digits that are less than 40 digits.
 - Wrote an addition and multiplication algorithm that can perform calculations on "infinite" digit length numbers by using Python's list data structures.
- **Supply Chain Management: *SQL and JavaServer Pages* – [Source Code](#)** **December 2019**
 - Created SQL tables showing the relationship between customers, salesperson, product, and order line. The information was used to query statistical information to describe the data. Later, the data was represented as a JSP Page, which connected to Oracle 12c Table.

VOLUNTEER EXPERIENCE:

- **Remote Beta Tester, *Ginger Labs, California:*** **August 2018 – Present**
 - Remotely conducted manual tests on pre-released iOS version of Notability.
 - Worked closely with the development team and wrote easy to reproduce bug reports.
 - Documented problems and resolutions with the Notability team.
- **Computer Science Peer Mentor, *University of Houston, TX:*** **August 2019 – Present**
 - Provided supplemental instruction by reviewing materials with students one-on-one or in small groups
 - Attended and helped the teaching assistant and professor with running the lab sessions.

HONORS AND AWARDS:

- Dean's Distinguished Scholars List (Fall 2020)
- Transfer Excellence Recipient – University of Houston (Fall 2018)
- 1st place winner of the Code Red Exploration Hackathon – Blue Chasm Challenge. (Fall 2017)
- Dean's List – University of Houston (Fall 2018 and Spring 2019)