

# Aisha Mohammed Farooque

Houston, Texas | (978) 882-2737 | [akmohammedfarooque@uh.edu](mailto:akmohammedfarooque@uh.edu) | [aishafarooque.github.io/home/](https://aishafarooque.github.io/home/)

---

## EDUCATION:

Lone Star College, Texas

June 2018

Associates of Arts, Computer Science, 4.0 GPA

University of Houston, Texas

Expected Graduation: August 2020

Bachelor of Science, Computer Science, 3.8 GPA

## SKILLS:

- **Programming Languages:** C/C++, Java, Python, SQL, HTML/CSS/JavaScript.
- **Relevant Coursework:** Introduction to Data Structures; Computer Architecture; Algorithms and Data Structures; Operating Systems; Databases; Software Design; Programming Languages and Paradigms.

## WORK EXPERIENCE:

- **Operations Lead, Campus Recreation Center, University of Houston, TX:** **Summer 2019 - Present**
  - Held responsibility for risk management, customer service, policy enforcement, facility access, equipment rentals, and cleanliness of the Campus Recreation Center.
  - Was trained to supervise a staff of around 31 members. Additionally provided first aid and CPR when necessary.
  - Worked with Building Supervisors and other personnel to log incident/accident reports.
  - Promoted to this supervisory position within seven months.

## PERSONAL PROJECTS:

- **To Do List:** JavaScript, HTML/CSS – [Demo](#) and [Source Code](#)
  - Created a web based to do list with JavaScript.
- **Supermarket Manager:** C++ - [Source Code](#)
  - Used C++ Multithreading to simulate customers waiting for cashiers at a supermarket and arranging themselves to enter queues with the least number of customers.
  - Enabled mutexes to lock/unlock critical sections while being accessed by a specific thread.
- **Stream Socket:** C – [Source Code](#)
  - Using stream sockets and multiple processes to write a simple server/client pair. The client and server communicate to send and receive the high and lowest price of a given car.
- **Supply Chain Management:** SQL and JavaScript – [Source Code](#)
  - 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, Notability:** **Fall 2018 - Present**
  - 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:** **Summer 2019 - Present**
  - Helped to reinforce lessons taught by the COSC 1306/1430/2430 instructors, by reviewing materials with students one-on-one or in small groups during weekly office hours, emails, or GroupMe (smartphone app).
  - Attended and helped the teaching assistant and professor with running the lab sessions.
- **Student Ambassador, Lone Star College-University Park, TX** **Fall 2017 – Summer 2018**
  - Served as a student representative of LSC-University Park and as a liaison between current LSC students, prospective students, and the LSC-University Park community.

- Assisted incoming first-year students with the admission process, provided campus tours, and worked with the Student Life department to organize and coordinate student recruitment events and fairs.
- **Radiology Volunteer and Greeter, *Lawrence General Hospital, MA:*** **Fall 2015 – Spring 2016**
  - Greeted and welcomed patients in person; created a welcoming atmosphere at the main entrance of the hospital.
  - Maintained and updated the filing and database system by computing, recording, and proofreading data and other information. Interacted with patients and other families in the waiting room area.
  - Accumulated 102 hours of volunteer service.

#### **HONORS AND AWARDS:**

- Transfer Excellence Recipient – University of Houston (Fall 2018)
- 1<sup>st</sup> place winner of the Code Red Exploration Hackathon – Blue Chasm Challenge. (Fall 2017)
- President's List for High Academic Achievement – Lone Star College (Fall 2017 and Spring 2018)
- Dean's List – University of Houston (Fall 2018 and Spring 2019)
- Dean's Distinguished Scholars List (Fall 2020)

#### **LEADERSHIP ROLES:**

- **President, Innovation Club, *Lone Star College:*** **Fall 2017 - Summer 2018**
  - Worked with Vice President to organize and schedule meetings and worked with Treasurer to create and manage the club budget.
  - Increased the club's membership by 15%.