

# RIFAT HAQUE

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[GitHub](#)

## Education

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**Bachelor of Science, Software Engineering**  
**University of Calgary**

**Expected Graduation Date: 2022**

- Bachelor of Science in Software Engineering. GPA: 3.2
- Relevant Course Work: Principles of Software Design, Database Management, Software Architecture, Software testing and Reliability, Computer Networks, and Embedded System Interfacing
- Classes such as these, while not directly teaching Java or C++, use these languages to teach relevant topics in software analysis and software development. This provides a good base of understanding for Java and C++ programming as well as the fundamental knowledge needed for software development

## Projects

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### Course Registration System – Java

- Developed a full-stack java application with a SQL database
- Built using object-oriented design, MVC server-client architecture, and uses multi-threading

### Store Inventory System – Java

- Created using object-oriented principles and text files to manage a store inventory
- Utilizes a switch which allows users to make inquiries into the inventory to track items required for orders

### Workorder DBMS – JavaScript

- Developed a RESTful API web application with a SQL database
- A collaborative project with a team of three
- Utilizes Node.js, Express.js for API database connections and queries with a bootstrap frontend

### Tic-Tac-Toe – Java

- Programmed a tic-tac-toe game in Java
- Made with object oriented principles and design in mind

## Experience

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### Tutor

**2017 - 2018**

- Planned schedules and study plans for students to improve course performance.
- Mentored high school students to achieve excellence and have an in-depth understanding of course materials.
- Evaluated student academics to optimize their learning approach.

### Staff Member

**2015 - 2018**

#### Utsav Sweets

- Managed storefront area of the restaurant .
- Held customer service responsibilities and dealt with customer complaints effectively.
- Discussed and encouraged safe procedures to improve workplace and customer safety.
- Cashed out tills and attentively maintained the cash drawer.

## Skills

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**Coding languages:** JAVA, C/C++, HTML/CSS, JavaScript, Python

**Coding Frameworks:** Bootstrap, Nodejs, Express.js

**Other Technologies:** Git, MySQL, NoSQL, XML, Unix/Linux, UML 2.0