

# MAHIR RAHMAN

16 Edward Horton Crescent, Etobicoke, ON, M8Z0E7. Canada  
(778)-628-2433 - mahir465@student.ubc.ca - mahirrahman.com - www.github.com/mahir476

## EDUCATION

### University of British Columbia

Bachelor of Science (BSc) - Computer Science Major

- Third Year Undergraduate Student
- Deputy Vice-Chancellor Scholarship (2020-2021)

09/2018 - PRESENT

KELOWNA, BC. CANADA

### American International School of Dhaka

International Baccalaureate Diploma (2018) - Highschool

- Higher Level: IB Psychology, IB Economics, IB Language & Literature
- Standard Level: IB Spanish, IB Biology, IB Mathematics
- Elected Class Vice President 2018 and Elected Class Speaker for Graduation

08/2014 - 05/2018

DHAKA, BANGLADESH

## WORK EXPERIENCE

### Java Interactive ChatBot

- Created a ChatBot program with a team of developers that includes library and movie recommendations as well as an integrated trivia game.
- Implemented popular Software Engineering principles following an **Agile** Systems Development Life Cycle (**SDLC**).
- Used programs (Lucid Chart) to create work base models (**WBS**) and other structural diagrams for efficiency and delegation purpose.
- Used programs for **task organization**, **sprint scheduling**/details, and visualization of **Gant Chart** (JIRA).
- Conducted multiple checks for work updates, reviewed/assisted code, and handled common team-related fallbacks, in order to finish tasks within given time frames.
- Implemented a Spell checker Class ("Stemmer" class implementation for rearranging user input and comparing the stem of a specified word).

01/2022 - 04/2022

KELOWNA, BC. CANADA

### Okanagan Grocery Artisan Breads

Baking Assistant/Store Front Manager

- Managed various tasks such as dishwashing, packaging, weighing ingredients, proper store maintenance, organizing the workspace, and preparing various pastry/bread items for purchase.
- Exceptional multitasking capability with previous objectives and simultaneously handled high-paced customer purchase transactions (storefront, online, phoned).
- Maintained high customer satisfaction and received comments regarding efficiency and kindness/friendliness.
- Worked with a team to maximize the productivity of the work environment. Tasks are dispersed amongst the team to fulfill multiple objectives within a given time frame.
- Easily adapted to multiple roles and able to follow rules/changes on the go.

09/2021 - 03/2022

KELOWNA, BC. CANADA

## Website Creation with Database association (SQL, MySQL)

10/2021 - 12/2021  
KELOWNA, BC. CANADA

- Implementing an online store design using UML, JSP, HTML, CSS, JavaScript, & Java.
- Implemented security for the website with data validation, user creation, user differentiated data maintenance, implementation of a database, and ability to query a database/create a database;
- Took initiative by leading a group of 4 developers to design and implement the website.
- Able to help any team member with associated problems/bugs.

## Processing P3 (Java Framework) Game Creations

01/2021 - 04/2021  
KELOWNA, BC. CANADA

- Created games using Processing p3 with various shape creations, color implementations, implementing foreign design packages.
- Created functional 2D games, with score count, player count, and other attributes.

## Social Media Management

04/2019 - PRESENT  
VANCOUVER, BC. CANADA

- Created/Maintained *singinwithmomo* (900+ followers) & *pastelbakesinc* (2,200+ followers) Instagram pages.
- *singinwithmomo* is a personal page for musical/singing production.
- Consistent interactions with musicians for musical compositions.
- Ability to record, produce, and generate revenue from music.

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01/2020 - 05/2020  
TORONTO, ON. CANADA

- Pastel bakes is a start-up bakery company consisting of cake/pastry creations made to order.
- Responsible for photo capturing, editing, and posting on a daily basis on the social media platform.
- Continuous client communications through social media platform for placing orders.
- Using Microsoft Excel in order to organize and create a database for all order transactions.

## Garments Production Auditing Intern

05/2019 - 07/2019  
DHAKA, BANGLADESH

### *Knit Asia Limited*

- Gathered and analyzed garment production data including (but not limited to) yearly/monthly: production units, income generation, cost of production maintenance, cost of production resources, etc.
- Gained thorough comprehension of Bangladesh's Accord & Alliance regulations for garment facilities.
- Determined areas for improvement after auditing multiple facilities (including sibling company's facilities).
- Created weekly/monthly reports, and supporting documentation for audit findings.
- Identified management control weaknesses and provided suggestions on routine procedures.
- Received stellar remarks for organized/detailed submissions with successful contributions towards the company.

# PRACTICAL COURSES

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- Java Foundational Courses (UBC)
- Data Structures and Algorithmic Thinking (UBC)
- JavaScript Basics (Udemy)
- Web Development (Udemy)
- Introduction to Databases (UBC)
- Photography (UBC)
- Matrix Algebra (UBC)
- Micro/Macro Economics (UBC)

# PROFICIENT SKILLS & HABITS

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## Computer Science:

- Java
- SQL
- JavaScript
- Processing p3
- HTML
- CSS
- Code organization
- Hashing/Hash maps
- Code efficiency mindset
- Figma design tool

## Personal

- Photography
- Photo Editing
- Video Editing
- Adobe Photoshop
- Graphical Design
- Social Media Management
- Music Production
- Singing
- Guitar
- French (amateur)
- Microsoft Office
- Researching

## Behavioral

- Communicative
- Teamwork Efficient
- Quick thinker
- Detail oriented
- Flexible
- Leadership
- Adaptable mindset

# VOLUNTEER WORK

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## Friends For the Poor

*Council Member*

10/2016 - 04/2018

DHAKA, BANGLADESH

- Organized/hosted events for schools with fewer resources and created curriculums to teach multiple types of hygiene, developing a good habit/goal-setting mindset, along with the continuation of school curriculums with new/better resources.
- Generated funds around 1000\$-2000\$ to supply new resources for the school in partnership for every new school semester.
- Coordinated with school counselors for the betterment and improvement of currently enrolled students in need of financial/health aids.

## Green Team Organization

*Council Vice President*

10/2014 - 04/2016

DHAKA, BANGLADESH

- Collaboration group for recycling and composting
- Worked/communicated with companies within Bangladesh to supply recycling and compost collections.
- Handled financial organization of funds, and fundraising events.
- Created QR codes and social media platform posts in order to raise awareness of our cause (locals usually struggle to abide by placed regulations).

## ACTIVITIES & INTERESTS

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- AIS/D Volleyball (2013 - 2017) - Varsity Starting Lineup
  - Traveled for a tournament to Sri Lanka, Chennai, and Nepal
- AIS/D Basketball (2015 - 2018) - Varsity
  - Traveled for a tournament in Oman
- Currently improving in React.JS
- Exploring Ubisoft Gaming Engine
- Advancing skillset in Web Development and CSS design skill set.
- Extreme passion for Web Design with experience using Design tools.