MAHIR RAHMAN

16 Edward Horton Crescent, Etobicoke, ON, M8Z0E7. Canada

(778)-628-2433 – mahir465@student.ubc.ca – www.github.com/mahirr476

EDUCATION

University of British Columbia
Bachelor of Arts (BA) – 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*

07/2014 – 05/2018
DHAKA, BANGLADESH

WORK EXPERIENCE

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

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

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

- 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
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

- 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

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

Friends For the Poor   10/2016 – 04/2018
Council Member   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   10/2014 – 04/2016
Council Vice President   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

- 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 (Figma, Adobe Suit, MS Office, etc)