MUHAMMAD HASSAN TARIQ

mhtariq3@gmail.com | 587-703-5108 | Calgary, AB
Linkedin | GitHub | Website

Overview and Skills

Third year Software Engineering student looking for summer 2021 – summer 2022 intern opportunities to gain experience and put my technical skills to use. My technical skills include:

- Strong knowledge in Web Development(HTML/CSS/JS/NodeJS), Java, C, and C++ with experience in object-oriented programming and basic software engineering principles through course projects and hackathons
- Experience in web development through personal projects
- Highly motivated and quick at learning and mastering new languages and technologies
- Strong mathematical and problem-solving skills and proficiency in data structures and algorithms

Education

Bachelor of Science in Software Engineering   Expected graduation April 2022
Minor in Entrepreneurship and Enterprise Development
Minor in Data Science
Schulich School of Engineering, University of Calgary

Experience

2020 – CalgaryHacks2020
- 24-Hour hackathon to create a program with a team, based on the given topics

2019 – Alberta Collegiate Programming Competition (ALPC)
- Hackathon-style programming contest to solve various coding challenges

2019 – Schulich Engineering Competition (SEC)
- Team oriented programming challenge to create a project in the given time

Projects

More projects on my GitHub
Student course registration application
- This project aims to help gain experience with designing and developing a relatively large software project. Some practical concepts explored include object-oriented design and development, client-server architectures, multithreading, JDBC, and GUI (built using Spring framework). This project specifically is a course registration system coded in Java.
- My focus in the project was setting up the client-server architectures and the back-end of the system as well as helping connect all the pieces of the project using the Java MVC layout.

Calgary-themed 8-bit style application with minigames [team project]
- My focus was on creating the menu and user interface as well as helping integrate everyone's code into the main app

Digital flight booking system [team project]
- My focus was on creating the menu, user interface, and creating functions to read the data from an excel file

Digital dashboard simulation [solo course project]

Extracurricular Activities

2020 – Developer Student Club
- Junior Executive

2020 – Competitive Programming Club
- Weekly programming contests and coding challenges

2019 – Engineering Leadership Program
- Successful completion of Tier 1
- Various workshops on topics such as time management, professional networking, and emotional intelligence

Employment

Sales Associate | Old Navy
06/2018 – 01/2019
- Handling fast-paced work environments
- Helping consumers meet their needs by providing exceptional customer service
- Working with a team to accomplish tasks
- Dedication to upselling and meeting the minimum 30% email obtain-rate as cashier

Cashier | Mary Brown's
11/2016 – 04/2018
- Demonstrated ability to work in a fast-paced environment
- Dedication to consistent upselling and commitment to the company
- Strong communication skills for customer satisfaction

Related Courses

- Computer Networks *
- Data Base Management Systems *
- Embedded System Interfacing *
- Principles of Software Design *
- UDEMY – The Web Development Bootcamp [HTML, CSS, JavaScript, NodeJS] **
- Principles of Operating Systems [C++]
- Principles of Software Development [Java]
- Data Structures, Algorithms, and their Applications [Java]
- Computer Organization [C and Assembly]
- Programming Fundamentals for Software Engineers [C and C++]
- Computing for Engineers [Processing]

**course completion in September 2020
*course completion in December 2020

Scholarships/Awards

2019 – Second place in the Schulich Engineering Competition (SEC) – Junior Programming
2019 – Jason Lang Scholarship
2019 – Calgary Co-op Scholarship Award
2018 – SSE Bursary for Engineering Students
2018 – Alberta Rutherford Scholarship
2018 – Calgary Co-op Scholarship Award