



Mohammad Huzaifa Shaikh


Student


Upper Year Computer Science Student. I have developed proficient programming and software skills, which have allowed me to be capable of delivering efficient solutions to any clients in any industry whilst staying ever inquisitive.

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EDUCATION

BSc. (Hons) Computer Science York University

09/2019 - Present

Toronto, Ontario

WORK EXPERIENCE

JAVA Programming Tutor (Freelance)

05/2021 - 09/2021

Achievements/Tasks

- Successfully tutored 20 first year college students and 15 high school students in the C programming language resulting in an average grade improvement of 8% for college students and 10% for high school students.
- Assisted with/Corrected code in programming assignments.
- Ultimately helped around 45+ individuals approached through various freelancing platforms including but not limited to Fiverr, Kijiji and Dubizzle

Graphic Design & Software Dev. Intern AlterFab Inc.

03/2020 - 06/2020

Toronto, Ontario

New Startup Focused in delivering eco-friendly alternatives to consumers worldwide.

Achievements/Tasks

- Implemented and maintained an efficient code archiving system, successfully tracking and documenting over 250 software changes with a 99% accuracy rate.
- Made multiple explainer videos and infographics to explain the company's business and its products.

Full Stack Web Development Intern Green Dunning Sport Clubs & Facilities Management.

11/2019 - 03/2020

Business Bay, Dubai, United Arab Emirates

Green Dunning has a wide range of exciting services in Dubai empowering children to learn new sports, find their passions and develop skills.

Tasks

- Developed and maintained the front-end and partially the back-end of their website, receiving guidance and mentorship from the software manager.
- Improved backend website functionality and user experience, resulting in a 20% increase in website traffic and user engagement.
- Collaborated with a team of 5 members, ensuring all tasks were completed within the deadline, with a success rate of 95%. Coordinated project plans, set clear deadlines and effectively communicated with team members to achieve project objectives.

SKILLS

Software Development- Design Patterns, Software Architecture, Data Structures, Algorithm Design

Soft Skills- Communication, Conflict management
Troubleshooting, Eye for detail & Resourcefulness

PERSONAL PROJECTS

System for identifying the most optimal CPU-Scheduling algorithm (Java)

- A Java program that receives information on processes such as, arrival time, burst time, time quantum and process priority.
- The program uses this information to display average waiting times of scheduling algorithms such as FCFS(FIFO), SJF and Round-Robin etc.
- The project combines hash maps and array lists to create a fast and organized data storage system. Hash maps allow quick data access and manipulation while array lists ensure a clean, linear data storage format.

Multi-Threaded Alarm system (C Programming)

- POSIX Multi-Threaded programming using mutexes and semaphores.
- Used Producer-Consumer shared circular buffer, Condition variables, and critical regions.

PROGRAMMING LANGUAGES & TOOLS

C / C++

JAVA

Spring/SpringBoot

Docker

SQLite

HTML/CSS

EXTRA CURRICULARS

University Soccer - Bethune College
York University

Ehsaan Community Service - Aiding Special Needs
High School