



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

C 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 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.

SOFT SKILLS

Communication

Conflict management

Trouble shooting

Quick to learn

Skill

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

C / C++(Expert)

Java (Expert)

JavaScript, HTML, CSS (Intermediate)

Python (Intermediate)

Swift (Learning/Novice)

EXTRA CURRICULARS

University Soccer - Bethune College
York University

High School - Soccer U18 / U16 / U14
High School

Ehsaan Community Service - Aiding Special Needs
High School