

# OMAR TAHA

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## EDUCATION

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### Bachelor of Computer Science Major (Co-op option)

Winter 2020 – Present

*University of Manitoba*

Data Structure and Algorithms, Database, Object Oriented Programming, Human Computer Interaction, Computer Graphics, Analysis of Algorithms  
Currently enrolled: Software Engineering, Database Implementation, Technical Writing in Computer Science.

## TECHNICAL SKILLS

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**Languages:** Java, C, C++, JavaScript, Python, HTML, CSS, SQL, Processing, Assembly.

**Tools:** Puppeteer, NodeJS, JDBC, WinSCP, Git

**Software:** VS Code, JetBrains, Android Studio.

## PROJECTS

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### Workplace System

- Developed a software to manage the relation in a workplace between employee and supervisors by assigning and tracking tasks
- Developed an IT portal for creating or removing new employees and assigning their position within the workplace.
- Tools used: **Java, JDBC, and SQL.**
- [https://github.com/OmarEfat/work\\_place\\_system](https://github.com/OmarEfat/work_place_system)

### Aurora Waitlist Monitor

- Developed an automated JavaScript script that can help UofM students in tracking their waiting list position and courses status.
- Tools used: **NodeJS and Puppeteer.**
- <https://github.com/OmarEfat/Aurora-Waitlist-Monitor>

### Know Your Major

- Developed a web-based prototype as part of a group project to assist students in tracking degree requirements and creating personalized academic schedules.
- Tools used: **HTML, CSS, and JavaScript.**
- <https://github.com/OmarEfat/Know-Your-Major>

### COVID-19 cases API

- Developed a live COVID-19 tracking API using NodeJS, providing data on the number of cases by country and globally.
- Tools used: **NodeJS.**
- <https://github.com/OmarEfat/Web-Scrapping>

### CMath

- Developed an open-source C library for complex mathematical equation solving, as part of a team project, to assist developers.
- Tools used: **C and CMake.**
- <https://github.com/JayedRafiProjects/cmath.c>

## WORK EXPERIENCE

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### Grader/Marker - Computer Science II

January 2023 – Present

University of Manitoba, Winnipeg, MB

- Grade Java assignments submitted by students, given a criteria and providing students with constructive feedback.
- Participate in meetings with the course instructor to discuss grading strategies and student progress.
- Manage time effectively, work independently, and meet deadlines to fulfill responsibilities as a Grader.

**Logistics Analyst – Summer Student***May 2022 – August 2022*

Frontier Supply Chain, Winnipeg, MB

- Monitored movement of 200 freight per day and followed up with the courier until confirming their delivery.
- Created a spreadsheet using Microsoft Excel to analyze shipment status and calculate the rate of on-time delivery.
- Developed a faster daily work routine that increased the rate of shipments tracked by 150% per day.
- Trained a new employee in the last week of the term for the same role and provided a flowchart of the work routine.

**Data Entry and Data Quality Team Member***Sept 2021 – January 2022*

Staffmax- SharedHealth, Winnipeg, Winnipeg, MB

- Accurately entered over 400 of clients' immunization consent forms into database systems.
- Reviewed and revalidated immunization records for a high volume of clients.
- Assisted with resolutions of any issues related to clients' immunization records or clients' profiles.
- Communicated with clients and healthcare providers to obtain missing or updated immunization information.

**Technical Support Representative***June 2021 – Sept 2021*

CanTalk Winnipeg, Winnipeg, MB

- Handled more than 50 calls per day, while resolving customer concerns efficiently to ensure customer satisfaction.
- Used scripts and technical expertise to resolve online reservation issues for Six Flags, our main client, including account creation, ticket purchasing, and park access, resulting in high customer satisfaction.
- Guided customers through the steps required to complete tasks and make reservations online.
- Escalated urgent and technical issues to the appropriate team for further resolution.

**VOLUNTEER**

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**Science Students' Association - Peer Mentor***Winter 2023*

University of Manitoba, Winnipeg, MB

- Support a group of Faculty of Science students monthly, helping them succeed academically and personally.
- Assist students in navigating university resources and connecting them with appropriate support services.

**International Student Mentor***Winter 2023*

University of Manitoba, Winnipeg, MB

- Provide one-on-one guidance to an international student in understanding university policies and rules.
- Assist students in adapting to the cultural and social environment of the university through various resources.

**Math Tutor***Winter 2022*

Frontier College, Winnipeg, MB

- Volunteered as a Math tutor for middle school students providing online sessions for small groups.
- Monitor student progress and provide feedback to the students and their parents or guardians.