

# Haaris Yahya

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<https://github.com/haarisyahya>

## EDUCATION

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| <b>Brock University</b>   <i>Honours Bachelor of Science in Computer Science</i> | September 2020 – June 2023 |
| • GPA: 3.9/4.0, nominated currently for 50 financial awards based on merit.      |                            |
| <b>McMaster University</b>   <i>Honours Bachelor of Science in Life Science</i>  | September 2015 – June 2019 |
| • GPA: 3.3/4.0, graduated with Honours and on the Deans Honour's List            |                            |

## EXPERIENCE

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| <b>Software Engineer Intern</b><br><a href="#">LiteSpace</a>   Remote | September 2023 – December 2023 |
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- Engineered and evolved the hybrid and remote scheduling feature in the LiteSpace application using TypeScript, Tailwind.CSS, GraphQL, MongoDB, and Figma.
- Played a pivotal role in LiteSpace's launch by closely working with my team and CTO to ensure the software met quality and performance standards prior to launch.
- Conducted rigorous testing and debugging to ensure the software met quality and performance standards prior to launch.
- Collaborating with a dynamic team and team lead to develop, test, and deploy new front-end and back-end features.
- Ensuring scalability and performance using a microservices architecture.
- Utilized GitHub Actions for seamless continuous integration and delivery.

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| <b>Software Developer Intern</b><br><a href="#">Ontario Public Service</a>   Toronto, ON | May 2022 – September 2022 |
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- Investigated and prepared alternative options to using an old Microsoft Access database and recommended that they develop a full-stack application instead.
- Completed a project that involved developing a full-stack application and included migrating a Microsoft Access database to an on-the-cloud SQL server and then using ASP.NET, C#, ReactJS, and other front-end technologies to create an internal website.
- Completed work on enhancing and updating the Ontario courts' websites using ReactJS and WordPress.
- Supported staff with researching and writing feasibility studies, including cost/benefit analyses, business requirements, and business cases for several applications that were in progress.
- Provided support on system integration analysis and user acceptance testing (UAT) for the application and several other applications.

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| <b>Branch Account Executive/Lending Specialist</b><br><a href="#">Fairstone Financial</a>   Oakville, ON | December 2019 – July 2021 |
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- Increased revenue and exceeded net new cash targets for the branch by 125% every month, increasing revenue each month.
- Spearheaded the training of 3 new hires who are now exceptional employees in their branches.
- Prevented risk to a portfolio of over \$2.8M by utilizing fraud protection techniques.
- Met delinquency and sales targets by over 100% every month consistently for more than a year.
- Increased client base by 50% by marketing efficiently.

- Streamlined various collection methods to collect monthly payments to decrease loss to the company by 30% each month.
- Recognized as an exceptional new hire and received an award for having the highest insurance product sales in all of Canada.

## PROJECTS

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### Niagara Museum Timeline Application

January 2023 – April 2023

- Worked with a group of 6 developers to develop an interactive timeline system web application for the [Niagara Museum](#) using JavaScript, Svelte, HTML, and CSS for museum exhibits and historical events.
- Developed accessibility options such as Text-to-Speech and several front-end elements such as full screen functionality, the timeline and worked on developing the backend to retrieve data and pictures from the database.
- The Agile-Scrum software engineering process was used, additionally, Git was used as a repository system (<https://github.com/SWE-2023/COSC-4P02-Project>). The link for the website is: <https://museumtimeline.vercel.app/>
- The website provides the user with the opportunity to easily access the museum's exhibits, allowing for greater accessibility for the audience and ultimately greater engagement.

### Internal Website Application

May 2022 – September 2022

- Designed and deployed a full stack internal website for the [Judicial Information Technology Office \(Attorney General\)](#) at the Ontario Public Service using ASP.NET, C#, SQL server, Postman, a REST API, ReactJS, CSS, and HTML.
- The website reads data from a SQL server database and filters through it to display the data that is required.
- The website updates, deletes, and adds new entries in the database as well using the REST API, the backend (.NET), and the frontend (ReactJS, CSS, HTML)

### Chess

September 2021 – December 2021

- Constructed a fully functional Chess program that uses alpha-beta pruning and the Minimax algorithm for the AI in Java.
- Successfully programed 2 levels of difficulty (depth = 2 & depth = 4) using Linked Lists.
- Implemented a GUI using Java libraries such as *java.awt* & *java.swing*, allowing for improving the output of the program and providing full functionality.

Additional projects:

- Maze solving using Graphs.
- Book Cypher Encryption using Arrays, sorting algorithm analysis, and recursion.
- A Connect4 game was made using the Minimax algorithm.

All are available on my GitHub profile: <https://github.com/haarisyahya>

## SKILLS

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**Languages:** Python, HTML, CSS, JavaScript, TypeScript, Java, C, C++, C#, ReactJS, Assembly, English, Urdu, Punjabi, Hindi

**Tools:** Node.js, LaTeX, MySQL, SQL Server, Svelte, .NET, Git, Postman, jQuery, SASS, Bootstrap, MAPLE, MINITAB, Microsoft Office, REST APIs, Atlassian JIRA, Mobile Application Development (Android), Android Studio, Visual Studio, Visual Studio Code, Gradle, Emulator, Azure, GraphQL, Microservices, Object-Oriented Programming

Strong analytical, interpersonal, verbal, written & communication skills (English & Urdu).

Strong knowledge of artificial intelligence, data structures, and algorithms.

Strengthened teamwork skills while collaborating with peers in problem-based learning settings, in the classroom, and workplace.

Extremely capable of meeting tight deadlines & experienced in working with various environments under pressure.

Strong ability to lead and foster discussion, in 4 languages (Urdu, English, Hindi, and Punjabi).

Extremely proficient in computer software programs i.e., Microsoft Office & Java.

4-5 years of experience in customer service & sales therefore, vast experience in dealing with customers/students.

Exceedingly adaptable & versatile.

