

Haaris Yahya

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<https://github.com/haarisyahya>

EDUCATION

Brock University | *Honours Bachelor of Science in Computer Science*

September 2020 – June 2023

- GPA: 3.9/4.0, nominated currently for 50 financial awards based on merit.

McMaster University | *Honours Bachelor of Science in Life Science*

September 2015 – June 2019

- GPA: 3.3/4.0, graduated with Honours and on the Deans Honour's List

PROJECTS

Chess

- 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

Niagara Museum Timeline Application

- Worked with a group of 6 developers to develop an interactive timeline system web application using JavaScript, Svelte, HTML, and CSS for museum exhibits and historical events.
- 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.
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Internal Website Application

- 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)

Additional projects include **RoboRace Game**, Maze solving using Graphs, Book Cypher Encryption using Arrays, sorting algorithm analysis, and recursion. Additionally, a **Connect4** game was made using the Minimax algorithm.

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

EXPERIENCE

Software Engineer Intern

September 2023 – December 2023

LiteSpace | Remote

- Currently engineering and evolving the LiteSpace platform using cutting-edge technologies.
- Collaborating with a dynamic team to develop, test, and deploy new features.
- Ensuring scalability and performance using a microservices architecture.
- Driving continuous integration and continuous delivery using GitHub Actions.

Software Developer Intern

May 2022 – September 2022

Ontario Public Service | Toronto, ON

- 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 front-end technologies.
- Support staff with researching and writing feasibility studies, including cost/benefit analyses, business requirements, business cases, etc.
- Provide support on system integration analysis or user acceptance testing (UAT).
- Investigate and prepare alternative options and recommend business solutions.

Branch Account Executive/Lending Specialist

December 2019 – July 2021

Fairstone Financial | Oakville, ON

- 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.

SKILLS

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

Tools: Node.js, LaTeX, MySQL, SQL Server, Svelte, .NET, Git, Postman, jQuery, SASS, Bootstrap, MATLAB, 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.