

Haaris Yahya

289-237-3244 • Burlington, ON • haarisyahya@gmail.com
<https://github.com/haarisyahya>

EDUCATION

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

September 2020 – June 2023

- GPA: 4.0/4.0, 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 in 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 programmed 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 provides 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, 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.netlify.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 made using the Minimax algorithm.

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

EXPERIENCE

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

Fairstone Financial | Oakville, ON

December 2019 – July 2021

- Increased revenue and exceed net new cash targets for the branch by 125% every month, increasing revenue each month
- Developed a curriculum for teaching and training new hires
- Spearheaded the training of 3 new hires that 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.

Key Accomplishments:

- Recognized as an exceptional new hire and received an award for having the highest insurance products sales in all of Canada.
- Consistently kept my branch in the top 3 branches of the year for the past 2 years.

SKILLS

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

Tools: Node.js, LaTeX, MySQL, SQL Server, Svelte, Git, Postman, jQuery, Bootstrap, MATLAB, MAPLE, MINITAB, Microsoft Office, REST APIs, Atlassian JIRA, Mobile Application Development (Android), Android Studio, Visual Studio, Visual Studio Code, Gradle, Emulator, Azure

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

Strong knowledge in 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 & Python.

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

Exceedingly adaptable & versatile.

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03/06/2023

Application for Junior Application Engineer at Nokia

Dear Recruiter

I am writing to apply for the Junior Application Engineer role. Having already finished a degree in Life Science, I decided to pursue Computer Science as that has always been my passion. Being self-taught in the field of web development using YouTube and several other resources, I am familiar and proficient with CSS, HTML, JavaScript, jQuery, ReactJS, NodeJS, Java, Data Structures, backend development, designing REST APIs and developing web applications using JavaScript and CSS. I also have experience with databases such as MySQL and SQL server. I am extremely proficient with Microsoft Office such as Excel, Word, PowerPoint, etc. Additionally, I have a vast knowledge of the financial world having worked in consumer lending and collections for almost 2 years. I have managed hundreds of accounts for 2 branches and have excelled at sales and debt collection. Sales are also my forte as I have constantly met and exceeded sales targets at Fairstone Financial. I regularly received bonuses for my outstanding work. I additionally am experienced with data visualization and have limited experience with cloud computing, and networking as well! I am currently learning to use Azure DevOps and Docker to create containers and Kubernetes to orchestrate the Docker containers. I have decent experience developing applications for the Android platform, I have used Android Studio with Android SDK (21 and higher), Emulator, and Gradle. I am currently developing a project using Android Studio for an application that provides prospective students with the correct information to select the proper university for their studies.

Being an older student (25) has never deterred me as I have always strived to follow my dreams and increase my knowledge base. I have worked tirelessly on a couple of projects and assignments using Java at school while being nominated for 50 bursary awards based on merit. Not only this, but I have also maintained a flawless 4.0 GPA as well. I have completed an internship with the Ontario Public Service (Ministry of the Attorney General) as a Software Systems intern. I created an internal website using ReactJS, Visual Studio, Visual Studio Code, Git, ASP.net, SQL server, Postman, and a .NET API. I also used SharePoint, Jira, Azure, Trello, and Microsoft Project Plan. This website received continuous praise and streamlined its processes in every single way. Additionally, this is a solo project, and I had no other interns with me. A recommendation letter can be provided.

At this point in my education, I have knowledge of artificial intelligence. I have created a Connect4 game using the Minimax algorithm, a game called RoboRace that pits robots in a maze, solved the Travelling Salesman Problem using a Genetic Algorithm, and implemented a standard feed-forward neural network. More details and projects can be found on my GitHub which has been linked below.

I believe I would be one of the top contributors to your team, carrying my load and anything else that is necessary to support the company's strategic plan and bottom line. I see this opportunity as an incredible opportunity to enhance my career prospects because of the chance to work with such passionate and very talented people.

Please find attached my resume for your consideration. My projects can be viewed at <https://github.com/haarisyahya> and my transcript is additionally included.

Thank you very much for your time. I look forward to hearing from you regarding the next steps.

Yours with enthusiasm,

Haaris Yahya

Courses and Marks

Yahya, Haaris

Courses Used Toward Degree --All--

Courses --All--

Year Level ☒ 0 ☒ 1 ☒ 2 ☒ 3 ☒ 4 ☒ 5 ☒ 6 ☒ 7 ☒ 8 ☒ 9

☒ All

Go

Major/Minor will show if a specific degree is selected.

	Course	Dur	Sec	Type	Weight	Credit	Progress Mark	Final Mark	Special Codes	Prerequisite
→	2022FW COSC 3P03	2	1	UG	0.50	Y		70 B		
→	2022FW COSC 3P95	3	1	UG	0.50					
→	2022FW COSC 3P97	2	1	UG	0.50	Y		80 A		
→	2022FW COSC 4P01	2	1	UG	0.50	Y		79 B		
→	2022FW COSC 4P02	3	1	UG	0.50					
→	2022FW COSC 4P78	3	2	UG	0.50					
→	2022SP COSC 3P91	4	1	UG	0.50	Y		75 B		
→	2021FW COSC 2P05	3	1	UG	0.50	Y		-- CD		
→	2021FW COSC 2P12	2	1	UG	0.50	Y		87 A		
→	2021FW COSC 2P13	3	1	UG	0.50	Y		92 A		
→	* 2021FW COSC 2P89	2	1	UG	0.50	Y		80 A		
→	2021FW COSC 2P95	3	2	UG	0.50				DROP 2022/01/18	
→	2021FW COSC 3P03	2	1	UG	0.50			-- ND	DUPL	
→	2021FW COSC 3P32	3	1	UG	0.50	Y		91 A		
→	2021FW COSC 3P71	2	1	UG	0.50	Y		95 A		
→	* 2021FW COSC 4P61	3	1	UG	0.50	Y		-- CD		
→	2021SP COSC 2P03	1	1	UG	0.50	Y		95 A		
→	2020FW COSC 1P03	3	2	UG	0.50	Y		84 A		
→	* 2020FW COSC 1P50	2	2	UG	0.50	Y		94 A		
→	2020FW MATH 1P06	3	1	UG	0.50	Y		82 A		
→	2020FW MATH 1P12	2	1	UG	0.50	Y		92 A		
→	2020FW MATH 1P66	2	2	UG	0.50	Y		99 A		
→	2020FW MATH 1P67	3	1	UG	0.50	Y		91 A		

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Total Records: 23

