

Nahom Araya

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EDUCATION

Centennial College | *Software Engineering Technology*

Expected Dec. 2025

Sessional GPA: 3.65/4.0

RELEVANT EXPERIENCE

Car Game Project

2023

Utilized C#, GIU & Visual Studio

- Developed an intuitive user interface using **Windows Forms** for seamless navigation and interaction.
- Designed and implemented explosive animations for an engaging and immersive gaming experience.
- Engineered a flexible speed control system, allowing players to tailor their gameplay to their preferences.

Calculator Project

2023

Utilized C#, GIU & Visual Studio

- Designed and implemented a user-friendly calculator application in **C# using Windows Forms and Visual Studio**, demonstrating strong programming and **GUI design skills**.
- Implemented advanced features, including a sleek **dark mode**, an **OFF/ON switch for scientific mode**, and a dedicated personal tab highlighting my background and passions.

Tetris Game

2023

Utilized C#, GIU, WPF & Visual Studio

- Developed a classic Tetris game using **C# and Windows Presentation Foundation (WPF)** in Visual Studio, showcasing strong coding skills and proficiency in creating **interactive user interfaces**.
- Incorporated high scores tracking functionality, allowing players to compete and compare their achievements.
- Demonstrated problem-solving abilities by addressing game logic and user experience challenges, resulting in a polished final product.

WORK EXPERIENCE

Junior Technician

2022

East Court Ford Lincoln | Toronto, ON

- Proficiently conducted oil and brake changes on various automobiles and trucks, showcasing a track record of competence and precision in automotive maintenance.
- Demonstrated expertise in automotive electronics by skillfully programming vehicles to enhance operational efficiency through the integration of multiple sensors, and adeptly facilitated the acceptance of new key fobs.
- Effectively communicated with individuals from diverse backgrounds and varying levels of automotive knowledge.

Pool Maintenance and Clerk

2023

Sterling Club Recreation Centre | Toronto, ON

- Professionally assessed and managed pH levels within the context of environmental and water quality control, demonstrating a comprehensive understanding of the principles governing chemical equilibrium and acidity.
- Meticulously organizing and managing documents, data, and records with precision and attention to detail, ensuring optimal efficiency in office operations.
- Proficiently engaging with clients and colleagues to foster effective communication and collaboration.

RELEVANT COURSES

COMP228 | Java Programming

2023

Centennial College | Grade: 4.0/4.0 | Toronto, ON

- This course covers Component-based Application Development and Database Connectivity using **Java**.
- Creating complex GUI applications with **Java** and **interacting with databases using JDBC**, and **Java collections framework**.
- Coursework emphasizes building modern **Java-based enterprise applications**. Students gain hands-on experience using **Spring Core, Spring MVC, Spring Data, Spring Security, Spring Boot, and microservices**.

COMP301 | Unix/Linux Operating Systems

2023

Centennial College | Grade: 4.0/4.0 | Toronto, ON

- File management and permissions, **UNIX tools, the shell environment**, and basic networking and security are all emphasized in the course content.
- Students learn about fundamental system administration, **shell scripting, C programming**, installing and managing server applications, version control, and **networking on a Linux platform**.

SKILLS & INTERESTS

Computer: HTML, CSS, Java, JavaScript, SQL, & C#.

Languages: English and Tigrinya (Eritrean).

Interests: Computers, Cars, and Soccer.