

Razi Nameerah

☎ 647-646-1459 | ✉ nameerahrazi@gmail.com | in [Razi Nameerah](#)
🔗 nameerahr.github.io | 🌐 [nameerahr](#)

EDUCATION

University of Waterloo

Sept. 2021 – April 2026

Candidate for Bachelor of Applied Science in Computer Engineering

Waterloo, ON

- **Relevant Courses:** Algorithms and Data Structures, Digital Computers, Advanced Calculus
- **Cumulative GPA:** 89.91

SKILLS

- **Languages:** C/C++, Java, Python, JavaScript, HTML/CSS, PowerShell, ARM Assembly, VHDL
- **Frameworks/Libraries:** Selenium, jQuery, JUnit
- **Tools:** Git, GitHub, Perforce Helix Core, Visual Studio Code, Eclipse, Jira
- **Hardware:** STM32 Nucleo, Keil MCB1700, FPGA, Arduino

EXPERIENCE

Software QA Specialist

Sept. 2022 – Dec. 2022

OpenText

Richmond Hill, ON

- Developed a **PowerShell** tool to automate test environment setup/cleanup, including product deployment/configuration, for recurring regression runs, thus improving test scenario reproducibility.
- Extended automation for cloud-based environment creation in VMware Lab using the **VMware PowerCLI**, to create/remove/modify vApps and VMs from the command line, boosting environment setup efficiency.
- Identified and updated 130+ outdated **Selenium** test cases written in **Java** following a major UI upgrade, resulting in enhanced test stability, increased use case coverage and accelerated QA testing.

Software Quality Analyst

Jan. 2022 – April 2022

i4i Infrastructures for Information

Toronto, ON

- Executed regression testing to evaluate the behaviour of potentially impacted application features at various stages of the development process, resulting in the early discovery of issues.
- Identified, analyzed, and reported 30+ defects in multiple software releases and confirmed their fixes.
- Contributed analytical skills and sharp attention to detail during testing procedures to ensure excellent software quality that meets all requirements.

PROJECTS

Book Vault 🔗 | Python, JavaScript, HTML, CSS

- Developed a dynamic book tracker web application to assist users in managing their reading materials.
- Utilized **Python** and **Flask** for the backend interaction with the user's library, stored in an **SQLite** database.
- Leveraged the **Open Library Search API** to provide users with a wide collection of books to search for, add and categorize in their library.

Roam Rover 🔗 | C++

- Designed a multi-functional **Arduino** robot car with manual and automatic modes.
- Implemented automatic functionalities including line following and obstacle avoiding for navigation.
- Created a joystick controller for manual operation, establishing communication via **nRF24L01** modules.

Morse Code Game 🔗 | C

- Built an interactive morse code game using an **STM32 Nucleo** board.
- Programmed the board to generate random colour sequences based on player start times, which were then translated to morse code and communicated through an LED light.
- Utilized push buttons to receive player input and then validated it against the original colour sequence.

Banking System 🔗 | Java

- Developed a terminal-based simulation of an online banking system.
- Retrieved and stored account data in JSON files, to maintain account records and track account behaviour.
- Implemented functionality for account creation/deletion, login authentication, transaction processing, and accessing credit accounts.