Razi Nameerah

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🔗 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:** Fundamentals of Programming, Calculus 2 for Engineering, Digital Circuits and Systems
- **Cumulative GPA:** 87.91

SKILLS

- **Languages:** C/C++, Java, Python, PowerShell, HTML/CSS, VHDL
- **Frameworks/Libraries:** Selenium, JUnit
- **Tools:** Git, GitHub, Perforce Helix Core, Visual Studio Code, Eclipse, Jira

PROJECTS

Morse Code Game 🔗 | *C*
- Built an interactive morse code game using an STM32 Nucleo board.
- Programmed the board to generate a random colour sequence based on the player's start time, which was then converted into morse code and communicated through an LED light.
- Utilized push buttons to receive player input and then validate it against the original color sequence.

Banking System 🔗 | *Java*
- Developed a simulation of an online banking system, to be used in the terminal.
- Retrieved and stored account data in JSON files, to maintain account records and track account behaviour.
- Implemented functionality for account creation/deletion, to authenticate logins, to perform transactions, and to access credit accounts.

Sudoku 🔗 | *Python*
- Created a GUI using PyGame to display an interactable Sudoku board for the player.
- Implemented the ability to switch between penciling in temporary values and committing final values to the board, storing both board versions in 2D arrays.

Portfolio Website 🔗 | *HTML, CSS*
- Constructed a website using HTML and CSS to act as a virtual portfolio for personal projects and achievements, hosted on GitHub pages.
- Applied CSS classes and IDs to style and design this responsive website.

EXPERIENCE

Software QA Specialist   *Sept. 2022 – Dec. 2022*
OpenText   *Richmond Hill, ON*
- Developed a tool, using PowerShell, to automate the setup/cleanup of test environments, including the deployment/configuration of the team's product, for recurring regression runs.
- Enhanced automation for cloud-based environment creation in VMware Lab, using the VMware PowerCLI.
- Identified and updated 130+ outdated Selenium test cases, resulting in more reliable and stable tests with increased use case coverage.

Software Quality Analyst   *Jan. 2022 – April 2022*
i4i Infrastructures for Information   *Toronto, ON*
- Executed regression testing, by running test cases, 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 and that the software met all requirements.