

# Razeen Faruque

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## Education

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**Computer Engineering (BEng)** | Ryerson University

Sep 2019 - Jun 2024

- Academic Leadership Award
- Relevant Courses: Digital Computation & Programming, Software Systems, Digital Systems, Algorithms & Data Structures, Electrical Circuits & Networks

## Experience

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**Programming Assistant** | Ryerson University

Aug 2021 - Apr 2022

- Worked within team of three to develop an application that allows individuals with speech and motor disabilities to communicate
- Used JavaScript, React and HTML to build a functional user interface
- Attended weekly meetings to discuss project status and updates

**Software Team Member** | Ryerson Rams Robotics

Sep 2021 - Current

- Completed weekly task packages which required programming in C++ and assembling microcontroller components such as Arduino

**Junior Camp Counselor** | Toronto Youth Development; ASE Camp

Jun 2017 - Aug 2019

- Arranged games and activities for kids aged 5 to 14
- Supervised kids during excursions and ensured their safety

## Projects

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**Bookstore App** | Java, JavaFX

- Worked with a team to create a bookstore desktop application that allows users to buy/sell books and managers to update and keep track of inventory/users.

**Information Scraper** | C

- Built a C program that searched, calculated and displayed specific information given a file of general information, this program was specifically used for the statistics of Ontario lakes.

**Snake Game** | Python

- Recreated the classic Snake minigame in Python by utilizing the PyGame library.

## Skills

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**Languages:** C/C++, Java/JavaFX, Python, JavaScript, HTML/CSS, VHDL, Assembly Code

**Tools/Technologies:** Git/Github, GNU/Linux, Multisim, Quartus, Microsoft Office, Adobe Suite

**Interests:** AI, Web Development, UI/UX, Data Science, Software Development, Microcontrollers