# Hassaan Abbasi

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## EDUCATION

**Ryerson University**                                                          **Sep. 2018 – Jun. 2023**
*Honors Bachelor of Science, Computer Science Co-op*                          *Toronto, ON*
- 3.82 CGPA, Faculty of Science Dean's List

## TECHNICAL SKILLS

- **Languages:** Python, C#, C, Java, HTML5, CSS3, PHP, SQL, Bash/Unix, JavaScript
- **Frameworks/Libraries:** Xamarin, Git, Pandas, Flask, Bokeh
- **Tools:** GitHub, PostgreSQL, MySQL, phpMyAdmin, Visual Studio, Visual Studio Code, Eclipse

## PROFFESSIONAL EXPERIENCE

**Ryerson University**                                                          **May 2020 – Present**
*Mobile Application Developer*                                                *Toronto, ON*
- Maintain a cross platform mobile application with Xamarin and C#, to provide resources to 1000+ active users
- Collaborating with 3 developers to redesign the entire UI to look more modern and meet Ryerson standards
- Developing a system that allows students to subscribe to announcements from professors and the school

**IEEE Ryerson Computational Intelligence Chapter**                            **Jan. 2020 – May 2020**
*Vice Chair & Web Developer*                                                  *Toronto, ON*
- Established the group at Ryerson University with my professor and 4 colleagues
- Collaborated with team to design a game development workshop in C# and Unity
- Assisted in developing a website to display our events, team members, and contact info

**Branksome Hall**                                                             **Jun. 2019 – Aug. 2019**
*Senior Camp Counselor (Coding / Robotics)*                                   *Toronto, ON*
- Designed a thorough coding (JavaScript + Minecraft) and robotics (LittleBits + Dash) curriculum with 3 other counselors to ensure the success of our students
- Collaborated with counselors in order to teach engaging lessons to a class of 12+ children

## PROJECTS

**Candlestick Graphs**                                                         **Jan. 2020**
*Languages: Python, HTML5, CSS3          Frameworks: Pandas, Bokeh, Flask*
- Developed a web app that allows users to determine possible price movements in stocks for over 3000 companies by analyzing a generated candlestick chart

**Diqtionary**                                                                 **Dec. 2019**
*Language: Python                         Framework: Tkinter*
- Created a user-friendly dictionary GUI desktop app that returns the definitions of nearly 50000 words
- Implemented an algorithm that performs a spellcheck on the user's input, increasing their probability in finding their desired word even when spelled incorrectly

**BMI Calculator**                                                             **Jan. 2020**
*Languages: Python, SQL, HTML5, CSS3      Framework: Flask*
- Collects information from users through a web app and sends them an email that contains their BMI and related statistics, allowing them to gauge their health