Hassaan Abbasi

hassaan.abbasi@ryerson.ca | (647) 608-8764 | Toronto, ON
linkedin.com/in/hassaan-abbasi | github.com/HassaanAbbasi

EDUCATION

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

TECHNICAL SKILLS

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

PROFFESSIONAL EXPERIENCE

Smart Nora   **May 2021 – Present**
Data/Software Engineer Co-op   *Toronto, ON*
- Performed data wrangling and analysis to interpret metadata and field test results
- Automated the creation of interactive data visualizations with ad-hoc tools made with Python, Pandas, and Plotly, allowing for raw data to be quickly used to drive critical business decisions
- Updated 2 iOS applications through Xcode, and regularly retrieved their CSV and audio logs via AWSS3 for further examination
- Executed multiple performance and consistency related tests to depict the user experience and provide transparency on customer needs through data

Ryerson University   **May 2020 – Apr. 2021**
Mobile Application Developer   *Toronto, ON*
- Maintained a cross platform mobile app with Xamarin and C#, to provide resources to 1000+ active users
- Collaborated with 3 developers to redesign the entire UI to look more modern and meet Ryerson standards
- Developed a system that allows students to subscribe to announcements from professors and the school
- Presented the app to 140+ incoming first year engineering students, causing a surge of downloads for the app

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 my team to design a game development workshop in C# and Unity

PROJECTS

Candlestick Graphs   **Jan. 2020 – Feb. 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 – Jan. 2020**
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 it's spelled incorrectly