HASSAAN ABBASI

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Hardworking and enthusiastic 2nd year Co-op Computer Science student with a wish to apply my knowledge at a company that promotes constant personal development.

ACADEMIC BACKGROUND

Ryerson University | Toronto, Ontario

Honors Bachelor of Science (B.Sc.) | Computer Science Co-op
2018 - 2023

- CGPA: 3.76, Faculty of Science Dean's List
- Learned computer organization/architecture principles via 6809 Assembly
- Studied fundamental data structures and algorithms

TECHNICAL SKILLS

Languages
- Python
- Java
- C
- Bash
- HTML
- CSS
- SQL

Technologies
- Pandas
- Bokeh
- Flask
- Tkinter
- Heroku

Tools
- Visual Studio Code
- GitHub
- Git
- Eclipse

PROFESSIONAL EXPERIENCE

Senior Camp Counselor (Coding/Robotics)

Branksome Hall | Toronto, ON | Jun 2019 to Aug 2019

- Designed an engaging curriculum with 3 other counselors to teach a class of 12+ kids coding (JavaScript + Minecraft) and robotics (LittleBits + Dash)
- Helped children develop debugging strategies on a whiteboard
- Interacted with parents to discuss the needs of their child, and how to help them succeed

Customer Service | Cashier | Loader | Online Order Manager

Lowe's Companies, Inc. | Toronto, ON | Feb 2018 to Jun 2018

- Aided customers in finding hardware they needed by learning from my co-workers and using online resources
- Made sure items weighing up to 160kg were safely loaded and secured in the customer's vehicles
- Processed, received, and shipped out 100+ orders regularly in a high-pressure environment

PERSONAL PROJECTS

Diqtionary

Dec 2019

- Created a dictionary-like program using Python, which returns the definitions of given words
- Implemented spell-check feature to correct misspelled words
- Released stable command line and GUI (Tkinter) versions

Scotiabank Stocks Graph

Jan 2020

- Allows users to determine possible price movements of Scotiabank stock based on past patterns of created graph
- Used Python, Pandas, and Bokeh to make candlestick chart
- Served on Heroku using Flask

World PokeStops Map

Dec 2019

- A Python and Folium app that plots interesting PokeStop locations on a map
- Store and access over 300+ entries of location data from a CSV file using Pandas

VOLUNTEERING & CLUBS

Vice-chair

IEEE Computer Science Chapter | Toronto, ON | Jan 2020 to Present

- Established the IEEE Computer Science Chapter at Ryerson University with professor and 4 colleagues
- Developed website to showcase past and upcoming events, team members, and contact info
- Collaborated with team to design game development workshop in C# and Unity

Mentor

Tri-Mentoring Program | Toronto, ON | Sep 2019 to Present

- Offered guidance and support regarding school matters to 2 mentees
- Gave advice on 1st and 2nd year computer science courses, as well as career advice