# HASSAAN ABBASI

*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.*

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## ACADEMIC BACKGROUND

### Ryerson University | Toronto, Ontario

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

- Explored various programming paradigms using Python and Java
- Learned computer organization/architecture principles via 6809 Assembly
- Studied fundamental data structures and algorithms

## TECHNICAL SKILLS

### Languages

- Python
- Java
- C
- Bash
- HTML
- CSS

### Operating Systems

- Windows
- Linux

### Tools

- Visual Studio Code
- GitHub
- Git
- Eclipse

## PROFESSIONAL EXPERIENCE

### Senior Camp Counselor (Coding/Robotics)

*Branksome Hall | 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. | 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
- Worked with Lowes Head Office to individually process, receive, and ship out 100+ orders regularly in a high-pressure environment

## PERSONAL PROJECTS

### Diqtionary

*Dec 2019*

- A Python app that returns the definitions of given words
- Has a spell-check feature to guess misspelled words
- Released stable command line version and GUI (tkinter) version on GitHub

### 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 using Pandas

### Scotiabank Stocks Graph

*In Progress*

- A Python app that plots Scotiabank's stock data onto a candlestick graph using Bokeh and Pandas
- Graph will be hosted live on Heroku servers using Flask and Git/Github

## VOLUNTEERING

### Tri-Mentoring Program (Mentor)

*Sep 2019 to Present*

- Meet with 2 mentees once a week to offer guidance and support regarding school matters
- Give advice on 1st and 2nd year computer science courses, as well as career-related advice

### Tutoring

*Sep 2017 to Sep 2019*

- Tutored children (ages 10 - 16) struggling with math and science concepts
- Helped Grade 6 students prepare for EQAO

## AWARDS

- Dean's List (2018 - 2019)
- Duke of Edinburgh Silver Level Award (2016)
- 1st Place in York Region for University of Waterloo Sir Isaac Newton Physics Exam (2017)