

# 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.*

hassaan.abbasi@ryerson.ca

hassaan-abbasi.herokuapp.com

linkedin.com/in/hassaan-abbasi

github.com/HassaanAbbasi

Toronto, Ontario

647-608-8764



## 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
- 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

### Dictionary

*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

### 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

### Scotiabank Stocks Graph

*In Progress*

- 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

## VOLUNTEERING

### Tri-Mentoring Program (Mentor)

*Sep 2019 to Present*

- Worked 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)