

# HASSAAN ABBASI

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## 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
- Postgres
- MySQL
- Flask
- Bokeh
- Tkinter
- Heroku

### Tools

- Windows
- Linux
- GitHub
- Git
- Visual Studio Code
- 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 | 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
- Processed, received, and shipped out 100+ orders regularly in a high-pressure environment

## 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

### Candlestick Graphs

*Jan 2020*

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

### BMI Calculator

*Jan 2020*

- Collects info from users and sends them an email that contains their BMI and related statistics
- Manage user data with Python and Postgres
- Served on Heroku using Flask

## EXTRACURRICULARS

### 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

### Hackathon Attendee

*Global Game Jam | Toronto, ON |  
Jan 31, 2020 to Feb 02, 2020*

- Collaborated with 5 people to create a game within 48 hours
- Designed an enemy that chases the player once it sees them with its headlight
- Developed in Unity and C#