

# Gilbert Cherrie



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## SKILLS

### Programming Languages:

- Python
- Java
- C
- SQL
- HTML and CSS

### Tools:

- Git
- Google Firebase
- TensorFlow Machine Learning
- Eclipse
- Android Studio
- Microsoft Office

## EXPERIENCE

### Teaching Assistant

McMaster University,  
Hamilton ON

Sept 2020 –  
Present

- Assisted during computing and design lab lessons by helping to teach new content, reviewing past content, and answered student questions
- Graded student projects and assignments as well as provided feedback to the students

### Head Program Instructor

City of Vaughan,  
Vaughan ON

Sept 2018 –  
Present

- Created and taught a lesson plan for a chess class for up to 20 children, ages 4 – 9
- Communicated with parents about any upcoming events or their child's progress in the class

## EDUCATION

### Bachelor of Engineering, Software Engineering (Co-op)

Sept 2018 -  
Present

McMaster University, Hamilton ON

- Achieved a cumulative grade-point average of 3.46 on a 4.0 scale
- Achieved the Dean's Honour List
- Awarded the McMaster Entrance Scholarship for a grade-point average of over 90% in high school

## PROJECTS

### Pro Basketball Stats App Play Store Listing

July 2020 –  
Aug 2020

- Created an **Android** app and published to the **Play Store** that allows users to easily search and sort through all active NBA players and their season stats
- App was created using **Java** and **Android Studio**
- Player data was collected using **Python** scripts and an **NBA API** and stored on both a **Google Firestore server** and **SQL server**

### NFL Score Predictor Program

July 2020

- Used **Python** scripts and an **NFL API** to collect NFL game data and store on a **Google Firestore server**
- Created **TensorFlow Machine Learning Models** based on this game data to predict various stats and scores for any NFL game

## EXTRACURRICULAR ACTIVITIES

### DeltaHacks 5 and 6 – McMaster University

Jan 2019,  
Jan 2020

- Collaborated with three other group members to create a mobile app that attempted to solve a presented problem
- Attended various workshops to expand our skillsets