

Bola Gadalla

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Address

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Profile

I'm currently a **student** at Queens College studying Computer Science and the **President of the QC Game Development Club**. As the President of QCGDC, I enjoy making games and **teaching** others how to program and make games using **Unity Engine**.

Work experience

CUNY Queens College ▪ Queens, New York

President of QC Game Development Club

08/2019 – present

- In charge of teaching club members C# and Unity Engine
- Worked together with my e-board members to create materials to teach club members the programming language and the basics of Unity Engine.
- Teach students step by step how to make a game.
- Oversaw and managed club meetings.
- Worked together with my e-board members to make goals for our club to achieve every semester.

RF CUNY ▪ Queens, New York

Peer Mentor

08/2020 – present

- Mentored for the CSCI-111 course
- Helped students with their code and lab projects that were in C++.
- Helped manage multiple groups of students with their CS projects.

Education

CUNY Queens College ▪ Queens, New York

Computer Science

08/2017 – present

Currently studying **Computer Science (BA)** at Queens College and am going to graduate with a BA in Computer Science by **May 2022**.

Skills

Programming Skills

- Java
- C#
- C++
- Unity Engine
- JavaScript
- Dart w/Flutter
- Python
- Distributed Databases
- TensorFlow

Languages

- English
- Arabic

Projects

Quick Hexa

I **created** and **published** Quick Hexa, my **first game**, on both the **Play Store** and **App Store**. I used **Unity Engine** and **C#** to make this game from scratch, everything was made by me (except sound effects). This took me a week to make, from April 1 to April 8.

Discord Games Bot

I created a **Discord Bot** using the Discord **API** to allow users to select and **play mini games** from a selection of games. To keep track of the user's progress and the games they played, I created a local **Database** using **MongoDB** and **deployed** this project onto a **Raspberry Pi 4**.

Shopping App

Using **Dart** with **Flutter SDK**, I created a **shopping app** that has all the functionality of any shopping app you might see in the Play or the App Store. To save the user data and state, the project is connected to a **Firebase Database**.

Clima

This is a **Swift** app that displays the weather for your **location** or for a location that you enter. The app asks for the **user location** and then creates an **API request** to openweathermap.org to get the location's **weather conditions**.

References

Prof. Rebecca Schley • Queens College

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