

Flexible and enthusiastic problem solver seeking a position as a Software Developer/Engineer to utilize my coding analysis skills and gain further experience writing readable code and building solutions for reliable services, apps, and websites.

## EDUCATION

### CUNY Queens College

Intended Grad: Dec 2022

*Bachelor of Science in Computer Science*

CGPA: 3.82/ 4.00

#### Relevant Courseworks:

Calculus, Functional programming, OOP Java, OOP C++, Algorithm, Linear Algebra, Discrete Mathematics, Dynamic Programming, Computer Org & Assembly Lang, Database Management Theory of computation, Graph Theory.

## AWARDS

### Dean's List

01/09/2020

### Dean's List

07/23/2020

## SKILLS

### Professional

Functional and Object-Oriented Programming and Data structure. Source Control with GitHub, Good knowledge of Linux commands. Decent understanding of Game Engines and Android studio architecture.

### Languages

English, Bengali, Hindi

## EMPLOYMENT

### Software Engineering Intern

*Walmart Global Inc.* · 702 S.W. 8th St. Bentonville, Arkansas, AK 72716

June 2021 to August 2021

Working in team for developing telemetry dashboard for monitoring Walmart curbside pickup device front end. Techs used: React.js, Redux, Redux-saga, Node.js, Github, ElasticStack, Java Springboot.

### College Aide

*New York City Police Department* · 1 Police Plaza, New York, NY 10007

September 2019 to May 2021

Work under supervision of cyber investigators · Maintain proper protocol and communicate work progress · Preparation of reports · Data analysis and entry · Maintaining confidentiality and quality of data

### Summer College Intern

*New York City Police Department* · 1 Police Plaza, New York, NY 10007

June 2019 to August 2019

Work under supervision of administrative aides · Preparation of spreadsheet reports · Data analysis and entry

### Customer Service Representative

*ServicEngine Ltd* · 8 Abbas Garden Rd, Dhaka 1206, Bangladesh

July 2016 to October 2017

Maintain documentation of customer inquiries and responses for future reference · Direct or route customer calls to appropriate personnel for assistance · Handle customers in a polite and professional fashion · Track and follow-up all customer requests in a timely manner.

## PROJECTS

**Android App with Java:** Created a SlickDeals clone app using Android studio and Firebase; this app allows users to be a part of a community and share/get deals and coupons.

**Android App with Java:** Created a simple flix app using Android studio that allows users to browse movies from a Movie Database (IMDB API) and watch youtube trailers.

**Android App with Java:** Created a twitter client utilizing the official API for user authentication and asynchronous HTTP requests with JSON parsing.

**Android App with Java:** Created a clone of Instagram client app, with open-source parsing (Back4app) backend.

**Android Game with C#:** Created a brick-breaker game using Unity Game Engine and packaged it for Android.

**Raspberry Pi plex media server:** Created a raspberry pi plex server in a group project using a raspberry pi 3B board.

**Home surveillance system:** Personal experimental project where I used a raspberry pi(with camera module) to setup motion detector camera surveillance with OpenCV and Python.

**Procedural generation:** Coded a blueprint class in Unreal Engine which generates random mesh and places trees(objects) on a flat terrain.

## EXTRACURRICULAR ACTIVITIES

**HackerRank** - 4 stars in Problem Solving Module until now.

**Boot Camp** - Earned certificate in CUNY/QCC Software Engineering Web Development Career Track (February 6th, 2021)

**Boot Camp** - CodePath.org – Earned certificate in Android University (Spring 2021)