

Orlando Calle

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EDUCATION

Queens College of the City University of New York — *B.S in Computer Science* September 2018
65-30 Kissena Boulevard, Flushing, NY 113657

- Pertinent courses: Software Engineering, Algorithms for Big Data, Database, Data Mining and Warehousing, Artificial Intelligence, Genetic Algorithms, Principles of Programming Languages
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AWARDS

- Dean's List
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SKILLS

- Java, C++, Python, JavaScript
 - HTML, CSS
 - SQL
 - Android, Flask
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PROJECTS

Audio Recorder - Android Application — Developer 2019-Present

A simplistic Audio Recorder. I developed, designed and architected the Android application

- Developed the user interface (XML) and Google's Material Design Components
- Architected using MVVM Android architectural components (Android Framework, Java)
- Developed a media player for the recordings with a responsive UI

NYCGO - Android Application — Scrum Master / Developer April 2018 - May 2018

Android application that helps people stay healthy by letting them reach landmarks and get a reward to incentivize them. I helped the team merge the Android app and contributed in the development on the server side and client side applications.

- Created a MySQL database in AWS RDS
- Developed a server side application and deployed in AWS Elastic Beanstalk (J2EE, JDBC, SQL)
- Developed the UI and backend functionality in the client side (XML, Java)

8 - Puzzle AI — Developer November 2017

Successfully designed, solved and analyzed the 8-Puzzle Game that consists of a grid of sliding tiles and by moving them reach to a goal. The program solves easy medium and difficult levels. I implemented the following Artificial Intelligence algorithms: A* Search, IDA* Search and Branch and Bound (Java)

Restaurant Management Website — Developer

Implemented the client side and server side of the web application that helps the management of restaurants

- Created a MySQL database in the Server Side (SQL, AlchemyAPI)
 - Created a REST-API that serves to the client side (Python)
 - Created the front end client side (Flask, HTML, CSS)
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WORK EXPERIENCE

Queens College of the City University of New York — *Work Study* August 2016 - December 2016
65-30 Kissena Boulevard, Flushing, NY 113657

Worked in the office of Campus Events and Commencements

- Coordinated campus events along with students and campus staff members
- Assisted students and staff in the office and by phone
- Collaborated and provided support during events when needed