

# ERIC QIAN

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## EDUCATION

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### City University of New York

June 2016 - Sept. 2020

Bachelor of Technology (B.Tech) Computer Science - Software Development; GPA: 3.9/4.0 2020

Relevant Coursework: Web Programming, XML Data Representation, App Development with Database, Data Structure/Algorithm, Client/Server Tech, Object Oriented Java/Object Oriented System Design

### Forest Hills High School

Sept. 2010 - June 2014

AP Computer Science A (4)

## SKILLS

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**COMPUTER LANGUAGES:** Java, C++, Python, Javascript, HTML, C#, SQL

**LANGUAGES:** Conversational Chinese

**FAMILIAR SOFTWARE/TECHNOLOGY:** Microsoft Office, Eclipse, Komodo, Android Studio, Visual Studio, .NET Framework, Unity, MongoDB, MySQL

## PROJECTS

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### FOOD CALORIE TRACKER

- Designed an app that allows you to track what kinds of food you eat each day as well as the calories, fat, protein, and carbs you intake.
- Used SceneBuilder to code UI using FXML and Eclipse Java to code controllers as well as MongoDB Atlas to store FDC's branded food names database and User logs
- Java code allowed for real-time database inputs for new food and modification of values as well as deleting entries.
- Implemented a second UI to display all past entries and allows for specific date lookups or removal of entries.

### RESTAURANT SEARCHING APP

- Developed a restaurant searching application with a UI that can display restaurant names, location, and cuisine types.
- Implemented a function where users can filter by borough or by cuisine and limit how many are displayed
- Effectively utilized Scene Builder in Eclipse to design the Java App that interfaces on top of a 2,000+ row MongoDB Atlas database.

### PLAGUE RUNNER - GAME DESIGN PROJECT

- Created a multi-level platformer game using Unity and C++ with multiple obstacles and effects making use of collision and physics-based code.
- Made use of assets to create landscape and character model as well as animations for character to seem more fluid.
- Implemented code to allow for double jump, dashing, wall climbing and wall holding.

### CAR PROFITS PROGRAM

- Utilized MVC (Model-view-controller) design to develop working webpages using Java, JSP, HTML and DBeaver to pull information from a 5000+ row databases regarding car sales, prices and profits.
- Conceptualized and created a user-friendly secured login system and product/revenue reporting system using tables and pie charts.
- Engineered an interface to allow for easy database modifications using Java and SQL code.

## EMPLOYMENT

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### Walgreens, Rego Park

June 2017 - May 2020

- Cooperate with other team members to carry out closing duties and prepare the store for the following day.
- Deal with and swiftly resolve a wide range of customer issues and problems.
- Provide exceptional customer service at all times, maximizing customer satisfaction.
- Effectively utilize expertise and knowledge to foster close customer relationships and to increase sales.