

[Joe J. Zeng]

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EDUCATION

Queens College, The City University of New York, Flushing, NY Aug 2014 - May 2018
Bachelor of Arts in Computer Science
Graduated Cum Laude with a GPA 3.7

Selected Coursework: Theory of Computation, Database Systems, Principles of Programming Lang, Software Engineering, Data Structures, Object-Oriented Databases, Design & Analysis Algorithms, Computational Finance

HONORS AND AWARDS

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- Merit Scholarship Aug 2014 – May 2018
 - Dean's List
 - The National Society of Collegiate Scholars

SKILLS

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- **Programming Languages:** Java, C++, HTML, CSS, JavaScript, SQL, JDOQL, PHP, Assembly
 - **Software:** Eclipse, Dev-C++, MySQL, Visual Studio, Excel, JIRA, ServiceNow, Oracle SQL Developer, SSH, Oracle VirtualBox
 - **Framework:** Scrum, ITIL
 - **Spoken Languages:** English, Chinese

EXPERIENCE

NYPD Cadet Corps, Flushing, NY July 2017 – July 2017
Cadet

- Provided administrative support to Police Officers.
- Utilized my knowledge in penal law to help complaint victims.

Skilled Creative, New York, NY March 2017- May 2017
Intern

- Researched and analyzed how to design visual UX, happy path, and bot persona for a chatbot.
- Analyzed on similar chatbots that might help for building our own chatbot.
- Researched emerging technologies to get ideas and used it on a new project.

McDonalds, Bayside, NY April 2014 – Dec 2015
Cashier

- Managed cashier duties while offering exceptional customer service to over 200 customers daily.
- Cooperated with other coworkers to divide massive orders into drink and food categories. Resulted in orders setting done faster.
- Prepared, organized, and cleaned everything in one hour after the store closed.

ACADEMIC PROJECTS

Stock Screener- (<https://github.com/JoeZe/Projects/tree/master/stockScreener>) Spring 2018

- Scraped data on the CNN hot stocks website and parsed stock data and then store it in the database and hash table.
- Implemented JDBC to connect the MySQL database and store the data
- Hosted the database on the AWS to allow users to access remotely.
- Retrieved data from the database or hash table to display it on the GUI based on the search that the user performs.

Project Dijkstra's algorithm-(<https://github.com/JoeZe/Dijkstra-s-algorithm>) Fall 2017

- Implemented a greedy algorithm to find the minimum cost from a graph simulated by numbers.
- Compute the minimum cost to travel from point A to point B on the graph by using Dijkstra's algorithm

Project K-means clustering-(<https://github.com/JoeZe/K-Means-clustering>) Fall 2017

- Implemented a popular machine learning technique for classifying data by using C++.
- Analyzed a list of 2D points in x-y coordinates to partition the point set into several clusters that each cluster has the minimum distances to the centroid of their own cluster and then all other subsets' centroids.