**[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**

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

**SKILLS**

* **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**](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**](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**](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.