

ac11378@hotmail.com | (917)-257-5639 | Queens, NY ,11378
<http://github.com/allenc1996> | <https://linkedin.com/in/allenc1996>

Education

Queens College CUNY, Flushing, NY

Bachelor of Arts in Computer Science, December 2018

Selected Coursework: Algorithmic Problem Solving(C++) , OOP in C++, OOP in Java, Discrete Structures, Computer Organization & Assembly Language(MIPS), Data Structures (Java) , Theory of Computation, Design & Analysis of Algorithms , Database Systems, Operating Systems Principles, Computer Architecture, Data Mining and Warehousing, Image Processing, Software Engineering

Skill

Technical:

- **Programming Languages:** Java, C++, HTML, CSS,SCSS, Spring, Python,
- **Technologies/Databases:** MySQL ,Hibernate, Oracle, Github and Git,BootStrap
- **Operating Systems:** Windows, Mac OS X

Languages:

- Proficient: English

Projects

Email GUI (https://github.com/Etanyauh/SE370_Fall)

- Using javaFX to design and develop an email client with login and registering, and having inbox ,outbox, and draft interface as a part of a 4 man team
- Implemented connections, insert, and creating tables from java to mysql
- Implemented fetching data from and to, from mysql for signing in and registering

Decision tree Induction (https://github.com/Allenc1996/Decision_Tree)

- Implemented using java and excel giving a set of real test data of 290 people and 1 root and 4 nodes find out what affects income(root) based on gender , health, work hours, and education(leaf nodes)
- Using excel pivot tables we go down to the third branch of the tree

Calculator GUI (<https://github.com/Allenc1996/CalculatorGUI>)

- A simple calculator GUI with + , - , * , / , = , +/- , AC, C buttons
- Implemented using javaFX and deployment of MVC .

Multi-Threaded Random Walk (https://github.com/Allenc1996/Multi_Thread_Random_Walk)

- Use multiple threads to reduce computation of 10^9 mathematical computations

- Got speed of computation to 15 secs

Others

- These projects were done using Java and C++.Doubly Linked List, Dynamic Stack array, Binary Tree, Linked Queue, Linked Stack, Circular Linked List, Insertion sort, Merge sort, Heap sort, Quick sort, Count sort, Bucket Sort, Average filter, Median filter, Connected component (Four connected, eight connected), Distance Transform (city-block, four connected), Chain Code, Run length encoding, Run length Decoding, Hough Transform, Morphology, K-means clustering, K-curvature, Thinning, Edge detection.