Allen Chen [Online-Portfolio](https://allenc1996.github.io/My_Portfolio/)

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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

**Programming Languages:** Java, C++, HTML, CSS, SCSS, Spring, Python (Proficient)

**Technologies/Databases:** MySQL, Hibernate, Oracle, GitHub and Git, Bootstrap

**Operating Systems:** Windows, Mac OS X

**Languages:** English (Native)

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

**Shopping at BALA (**<https://github.com/Allenc1996/cs340/tree/master/340_Project2>**)**

* Using semaphores, simulated shopping at BALA
* Using 3 types of threads (customer, floor, and storage clerk) a customer rushes to a cashier to pay for their items. If the item is heavy (randomly generated 60% of time) 2 storage clerks must help get the item. When the customers have gotten their item, they must wait for all customers to leave before they can leave.

**Python Web Scrapping (**<https://github.com/Allenc1996/python_webscrap>**)**

* Takes a price of a game from steam. If the price is lower than a certain threshold, sends you an email