

Alvin Joseph

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Summary

Self-motivated, hard-working computer science student, seeking new challenges in coding. Dedicated to providing a highly analytical, creative mindset, as well as, a professional demeanor for any opportunity presented to me.

Computer Experience

- Java
- HTML
- Python
- CSS
- Git
- JavaScript
- MySQL/SQL
- Microsoft Excel
- Assembly
- Windows OS
- Mac OS

Education

Stony Brook University | Fall 2019

Bachelors of Science | Computer Science |

Suffolk County Community College | Fall 2017

Associates of Science | Computer Science | Major GPA: 4.0 | Cumulative GPA: 3.7

Related coursework: Introduction to Computer Science and Information Technology, Introduction to Programming, Principles of Programming with Java 1, Object Oriented Programming, Foundations of Computer Science, Data Structures and Algorithms, Advanced Object-Oriented Programming, Computer Architecture and Organization, Systems Fundamentals I, Computer Science III .

Experience

Analyst | Suffolk County District Attorney | Hauppauge, New York | June 2018 – Present

- Produced in house applications from scratch to expedite the process of searching and taking down criminals
- Integrated existing databases with the applications created
- Worked closely with Assistant District Attorneys to get feedback to improve applications

Commercial Operations Analyst Intern | Sartorius Stedim North America | Bohemia | September 2017 – January 2018

- Analyzed sales to create new reports and dashboards for sales representatives across North America.
- Maintained existing reports and dashboards
- Produced any requested or required data elements

Projects

Criminal Database | In House Application for District Attorney

Application that uses MySQL to allow users to search for criminals with different combination of parameters such as first name, gang name, association , nickname etc. This application is distributed throughout the office and has expedited the process of finding criminals. The application was made from scratch, in addition I was the only developer working on the App.

Habitat For Humanity Restore | Link: <https://github.com/alvinjoseph48/HabitatForHumanityProject>

Software is implemented using a model view controller design. It is a database/store for Habitat for Humanity products. The employee can add items with different parameters including a image. In return it will be stored in a MySQL database. Customers can then search for products and add them to their cart. Customers are then allowed to checkout with a credit card.

College View | Link: <https://github.com/alvinjoseph48/CollegeViewProject>

Created an object oriented software with JavaFX. The GUI allows school administrators to organize students, faculty, textbooks and courses. Administrators will have the ability to search, create, delete and update any object into the data structure. In addition they have the option to import/export objects. The program is sophisticated enough to throw exceptions when detected invalid objects.

Linked Lists | Link: <https://github.com/alvinjoseph48/LinkedListProject>

Created an object oriented software with JavaFX that allows users to create a random paragraph with input from the user. From the GUI, the user can select a text file with FileChooser, set the number of words and choose the first word of the random paragraph that will be generated by the program. The application analyzes the text file and stores the strings/words in the master links list and/or the baby links list. Then the random paragraph will generate based on the user's input.