

# Tamieem Jaffary

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## EDUCATION

### **Bachelor of Science | SUNY Stony Brook**

August 2016 – May 2020

*Stony Brook, New York*

GPA: 3.2

Bachelor's in Computer Science, minor in Business Marketing

Courses taken: Computer Security, Statistics for Data Science, Scripting Languages, Artificial Intelligence

## COMPUTER SKILLS

**Languages:** Proficient - Python, Java, C; Familiar - Javascript, Bash, C++, Perl, MIPS

**Front-end development:** Flask, HTML, CSS, Bootstrap

**Back-end development:** MySQL

**Other:** Regex, GNU, VM, Linux, Git, Presentation, Leadership, Communication

## EXPERIENCE

### **Software Engineer Intern**

June 2018 – August 2018

*InQuest – Network security based company*

- Primary responsibility was to create CLI utilities in Python/SQL which enabled the company to perform trivial and tedious tasks in a faster manner
  - Minimized the number of commands needed to perform basic tasks from 6 to 2
- Aided and assisted the development of a company project, IOExtract, using regex to improve its success rate in catching indicators of compromise within a web address
- Worked with Git Enterprise to troubleshoot issues and identify new bugs in the company's latest demo website

### **Sales Manager**

December 2017 – Present

*Eau de Parfum*

- Executed sales plan with strong verbal communication skills to increase number of bottles sold to customers
- Responsible for system maintenance between multiple locations
- Tasked with creating viable weekly work schedules for all employees, maximizing their hours while balancing number of workers present with expected number of customers present at certain hours.

## PROJECTS

### **Shot Chart Creator**

July – August 2019

*Written in Python, SQL, HTML and based in Flask*

- Personal project that illustrates my passion for data and coding and my love for basketball and statistics
- Scraped data from the official NBA website using the NBA\_API package in order to produce accurate and real "shot chart" graphs for every current player with special filters such as "Time left in Period" and "Game Outcome" to provide more advanced statistical analysis on such players' shooting ability
- Presented in a web application for easier user experience and can run multiple tasks simultaneously in order to compare multiple charts for more analysis

### **Simulated Server/Client System**

March – May 2019

*Written in C*

- Implemented a FIFO pipe to replicate reading information from one or more client programs that is then received by a remote server database.
- Manually managed the program's cache and virtual memory by creating an optimized caching mechanism that allocated and deallocated memory as necessary

### **E-Commerce Website**

May 2019

*Written in Python, HTML and based in Flask*

- Simulates a real-life shopping website in effort to demonstrate my knowledge of databases and web programming
- Maintains user shopping carts as the user navigates through multiple pages
- Protects and handles user information with privacy and password protection that is stored in the database
- Manages transactions made by multiple users and updates the website's stock accordingly