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| **EDUCATION** |

**Stony Brook University, SUNY** August 2017 - May 2021

Computer Science, B.S. GPA: 3.6/4.0

Applied Mathematics & Statistics, B.S.

Data Structures • Analysis of Algorithms • Probability & Statistics • Theory of Computation • Computer Networks

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| **WORK EXPERIENCE** |

**Brooklyn Navy Yard Development Corporation –** Intern June 2019-August 2019 • June 2018-August 2018

* Wrote simple scripts using PowerShell to automate basic tasks
* Worked with JAMF to supervise the corporation’s iOS devices
* Tested and deployed Duo Multi-Factor Authentication on various applications
* Organized and managed the corporation’s users in various systems as system administrator
* Worked as a help desk technician and helped resolve hardware, software, or connectivity issues
* Created a live network map detailing network connection between buildings, status and location of each device
* Assisted the IT department in launching and testing a new visitor management system

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| **PROJECTS** |

**Fitness Web App –** *written in JavaScript/HTML/CSS (Still currently under development)*

* A single page web application made with React, Redux, and Firebase
* Information such as workout routines and meal plans are unique to each user
* Utilized the queue data structure to populate a user’s workout recommendation list with other users’ routines
* Currently working on an algorithm that would match users with similar workout routines and workout interests

**Personal Website –** *written in JavaScript/HTML/CSS*

* Utilized Bootstrap and jQuery to give an appealing materialized look and easy user navigation
* Accounted for different screen sizes so that the website dynamically adjusts its content to the size of the browser
* Created interesting animations and transformations with jQuery and CSS properties

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| **SKILLS** |

**Programming Languages:** Java • JavaScript • HTML/CSS • Python • MIPS Assembly • OCaml

**Libraries/Frameworks:** React • Redux • Bootstrap • jQuery

**World Languages:** Cantonese/Mandarin • Elementary Spanish

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| **ACTIVITIES & HONORS** |

**Stony Brook University Dean’s List** August 2017—Present

**HackSBU Hackathon – PiggyBank Android App –** *written in Java* September 2019

* A CRUD application created using Android Studio and supported by Firebase NoSQL database
* Parents can assign chores to their children via the app and reward them for completing tasks
* Keeps track of a child’s current tasks, recent transactions, and items on the wish list in a database
* Learned how to develop full stack mobile applications for Androids

**Brooklyn Technical High School Programming Team** October 2016—May 2017

* Participated in the Halite AI Programming Challenge