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**Kenny Hu**  
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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

## 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

## 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

## SKILLS

**Programming Languages:** Java • JavaScript • Python • MIPS Assembly • Perl • OCaml

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

**Other Skills:** HTML • CSS • Firebase NoSQL • Android Studio • Scripting • System Administration

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

## 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