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# Kenny Hu

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## EDUCATION

**Stony Brook University, SUNY**  
Computer Science, B.S.  
Applied Mathematics & Statistics, B.S.

August 2017 - May 2021  
GPA: 3.58/4.0

## WORK EXPERIENCE

**Data Structures Teaching Assistant at Stony Brook University** January 2020 - May 2020

- Collaborated with faculty members to deliver a comprehensive understanding of data structures to students
- Promoted an interactive and personalized learning experience for students during office hours and recitations
- Helped design object-oriented programming problems that utilize a variety of data structures

**Brooklyn Navy Yard Development Corporation Technology Intern** June 2019 - August 2019

**Brooklyn Navy Yard Development Corporation Technology Intern** June 2018 - August 2018

- Wrote scripts to automate basic tasks
- Worked with JAMF to supervise the corporation's iOS devices
- Managed the corporation's users in various systems as system administrator
- Worked as a help desk technician and resolved hardware, software, and connectivity issues
- Created a live network map detailing network connection between buildings, status and location of each device

## PROJECTS

**Technical Analysis App** – written in Python

- Identified support and resistance levels for a given ticker through analyzing historical data
- Detected and calculated trend lines through utilizing statistics and mathematical properties of a line
- Provided a brief technical evaluation using an algorithmic analysis of chart trends, indicators and key price levels
- Practiced docstring documentation and familiarized myself with popular data analysis libraries (numpy, pandas)

**Options Flow Analysis Web App** – written in JavaScript/HTML/CSS

- Organized large options flow information into charts and tables for easy visualization and analysis
- Utilized local storage to locally store app states and improve the web app's usability
- Practiced proper documentation for database architecture, function usage, and component states
- Learned how to create a full stack web application using JS/HTML/CSS, React, Redux and Firebase

## SKILLS

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

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

**Other Skills:** Firebase • Android Studio • Scripting • System Administration

**Finance:** Options Trading • Market Technical Analysis • Thinkorswim

**Languages:** Cantonese • Mandarin

## HONORS & ACTIVITIES

**SBUHacks - PiggyBank Android App** – written in Java

September 2019

- Created using Android Studio and supported by Firebase NoSQL

**HackNYU - Education Web App** – written in JavaScript/HTML/CSS

February 2019

- Created using React, Firebase NoSQL, and Docker