Kenny Hu

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EDUCATION

Stony Brook University SUNY   August 2017 - May 2021
Computer Science, B.S.   GPA: 3.58/4.0
Applied Mathematics & Statistics, B.S.

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
- Calculated trend lines using statistics and evaluated whether they are respected by historical price action
- Provided a brief technical analysis using a combination of chart trends, patterns, 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
- Learned how to create a full stack web application using JS/HTML/CSS, React, Redux and Firebase

SKILLS

Programming Languages: C • CSS • HTML • Java • JavaScript • Python

Libraries/Frameworks: Bootstrap • NumPy • pandas • React.js • Redux.js • Yahoo Financials

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

Finance: Options Trading • Technical Analysis

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