Kenny Hu

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EDUCATION

Stony Brook University, SUNY August 2017 - May 2021
Computer Science, B.S. GPA: 3.62/4.0
Applied Mathematics & Statistics, B.S.
Data Structures • Analysis of Algorithms • Software Development • Machine Learning • Probability/Statistics

WORK EXPERIENCE

Data Structures Teaching Assistant at Stony Brook University January 2020 - May 2020
- Collaborated with a faculty member to deliver a comprehensive understanding of data structures to students
- Promoted interactive and personalized learning experience for students during office hours
- Helped design object-oriented programming problems that utilize a variety of data structures

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
- 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

Thinkorswim Trading Script – *written in thinkScript (currently developing)*
- An indicator that identify candlestick patterns and bullish/bearish sentiment on trading charts

Options Flow Analysis Web App – *written in JavaScript/HTML/CSS*
- A CRUD web application made with React, Redux, and Firebase
- Displayed large options flow and analyze them to depict where smart money is flowing to
- Organized and presented information into charts 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 and reactjs libraries

PiggyBank Android App – *written in Java*
- A CRUD mobile application created using Android Studio and 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
- Learns how to develop full stack mobile applications for Android

Portfolio – *written in JavaScript/HTML/CSS*
- Visually detailed my professional skills and experience using React and Bootstrap

SKILLS

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

Libraries/Frameworks: React • Redux • Bootstrap

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

Investment: Options Trading • Market Technical Analysis • Thinkorswim

Languages: Cantonese • Mandarin