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Kenny Hu

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EDUCATION

Stony Brook University, SUNY

August 2017 - May 2021

Computer Science, B.S.

GPA: 3.61/4.00

Applied Mathematics & Statistics, B.S.

Data Structures • Linear Algebra • Analysis of Algorithms • Calculus • Probability & Statistics • Theory of Computation

Brooklyn Technical High School

September 2013 - June 2017

Software Engineering Major

GPA: 94/100

Web Development • Oracle Database SQL • AP Java • AP Calculus I

WORK EXPERIENCE

Brooklyn Navy Yard Development Corporation (Ladders for Leaders) – Intern June 2019—August 2019

- Created a live network map detailing network connection between buildings, status and location of each device with WhatsUp Gold
- Worked with JAMF to supervise the corporation's iOS devices
- Organized and managed the corporation's users in various systems as system administrator
- Worked on setting up, testing and deploying Duo Multi-factor Authentication on various applications

Brooklyn Navy Yard Development Corporation (Ladders for Leaders) – Intern June 2018—August 2018

- Worked as an IT help desk technician and helped resolve hardware, software, or connectivity issues in other departments
- Assisted the IT department in launching and testing a new visitor management system
- Installed new hardware that is compatible with the new visitor management system around the yard

PROJECTS

PiggyBank Android App – *written in Java*

- Created using Android Studio and supported by Firebase console
- Parents can assign chores to their children via the app and then reward them for completing a task
- Rewards are kept on a child's account and can be redeemed by going to the parent in real life (this app does not actually handle any financial transactions)
- Keeps track of a child's current tasks, recent transactions, and items on the wish list in a database

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

- Created a personal website using Bootstrap and jQuery that lets the audience know more about myself
- Accounted for different screen sizes so that website content adjusts to the size of the screen or browser
- Intended to be a continuous project, the website will get periodic updates

ADFGVX Cipher – *written in MIPS Assembly*

- Implemented the historically significant encryption cipher using a low-level programming language
- Utilized a variety of data structures and functions available in MIPS such as the stack and the heap
- Learned how memory and memory allocation/deallocation works

SKILLS

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

Libraries/Frameworks: React.js • Redux • Bootstrap • jQuery

World Languages: Cantonese/Mandarin • Chinese Pinyin • Basic Spanish

ACTIVITIES & HONORS

Martial Arts Association at Stony Brook University

September 2017—Present

Stony Brook University Dean's List

August 2017—Present