Kenny Hu

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EDUCATION

Stony Brook University, SUNY   August 2017 - May 2021
Computer Science, B.S.   GPA: 3.51/4.00
Data Structures • Discrete Mathematics • Applied Linear Algebra • Calculus II/III • 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 – Intern, IT Dept   June 2018—August 2018
- Resolved any hardware, software, or connectivity issues in other departments
- Assisted the IT department in launching and testing a new visitor management system
    - Installed new hardware compatible with the new software at various locations in the industrial park
    - Thoroughly tested all the functions the new system has and made sure everything is working and syncing properly during its initial launch

New York City Department of Education – Intern, Human Resources   July 2017—August 2017
- Served multiple clients simultaneously at the front desk and provided them with the necessary information and directions
- Processed personal information into a database for new and returning teachers

Chinese-American Planning Council – Volunteer   July 2016—August 2016
- Worked with a group of high school and college students to teach a class of fifth and sixth graders in a summer camp
- Accompanied the class on their weekly field trips around the city and kept them safe throughout the trip
- Facilitated classroom discussions and assisted the group leader in teaching various subjects

PROJECTS

Personal Website – *written in JavaScript/HTML/CSS*   February 2018—Present
- Created a personal website using Bootstrap and jQuery that lets the audience know more about myself
- Website is created to be fluid so that all the content adjusts to the size of the browser
- Website gets monthly updates with new content or features

ADFGVX Cipher – *written in MIPS Assembly*   November 2018
- 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 • MIPS Assembly • JavaScript • HTML/CSS • Python
Libraries/Frameworks: Bootstrap • jQuery • React.js
Languages: Fluent in speaking Cantonese/Mandarin • Chinese Pinyin • Translate between Chinese and English

ACTIVITIES & ORGANIZATIONS

Martial Arts Association at Stony Brook University   September 2017—Present
- A former member of the Wing Chun club and studied the southern Chinese style of martial arts for two semesters
- A current member of the kickboxing club and currently studying the combat sports to strengthen my body and close combat skills