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Kenny Hu

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EDUCATION

Stony Brook University, SUNY

August 2017 - May 2021

Computer Science, B.S.

GPA: 3.62/4.00

Applied Mathematics & Statistics, B.S.

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
- 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*

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 • Can translate between Chinese and English • Chinese Pinyin

ACTIVITIES & HONORS

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

Stony Brook University Dean's List

August 2017—Present

- Received this honor in freshman and sophomore year