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 • Calculus II/III • Survey of 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 – <u>Intern, IT Dept</u>   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 – <u>Intern, IT Dept</u>   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 – <u>Intern, Human Resources</u>   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

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 • JavaScript • HTML/CSS • Python • MIPS Assembly • OCaml
Libraries/Frameworks: Bootstrap • jQuery • React.js
World Languages: Cantonese/Mandarin • Chinese Pinyin

ACTIVITIES & HONORS

Martial Arts Association at Stony Brook University   September 2017—Present
Stony Brook University Dean's List   August 2017—Present