Mobile: (917) 539-8836 **Kenny Hu** https://hk0430.github.io Kenny.hu.kh@gmail.com Brooklyn, NY LinkedIn: /in/kenny-hu-91b97116a/

|  |
| --- |
| **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 –** Intern, Technology 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 –** Intern, Technology 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 (currently under development)*

* 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)
* Created using Android Studio and supported by Firebase console

**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:** Bootstrap • jQuery • React.js

**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