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# Kenny Hu

Brooklyn, NY

<https://hk0430.github.io>

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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 – 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