**EDUCATION**

**New York University** – Tandon School of Engineering (June 2014 - May 2020)

Bachelor of Science: Computer Engineering

* Relevant coursework: Computer Architecture, OS, Computer Networking, Data Structure, Algorithm Design

**EXPERIENCE**

**Valiant Technology**

Automation Support Engineer (September 2017 – July 2020)

* As an Automation Support Engineer at Valiant, I was responsible for creating and supporting automation solutions for end customer
* To help support this, I designed, proposed, and implemented an automation framework in Python that reduced average support time-to-resolution by over 80%
* The result of this project was an alleviation of pressure for customer support, and a decreased need for additional support personnel for the client companies

**NYU Resource Center**

Computer Science Tutor (September 2014 – May 2017)

* As a CS tutor for NYU, I helped elevate my students’ confidence and abilities by working with them directly on their algorithmic, design, and programming skills
* I helped mentor students with their exams and coursework for Data Structures, Algorithms, and Computer Networking
* As a result of my tutoring, my students have seen at least a grade improvement from before they started taking tutoring sessions and have become more comfortable with programming paradigms over time.

**PROJECTS**

* ***Unquoted* Android App (2020)**
  + Designed, created, and published android text game for Android, where the game presents a quote with the wrong speaker, and the player has to guess the correct speaker from the given choices
  + Wrote code in Java 8, using the Android API level 18 targeting all Android devices later than and including Android 4.3 (Jelly Bean) using Android Studio
  + Created automated git-flow-based build and deployment pipeline to generate artifact .apk and publish it to the Google Play Store
* **Wireless motion-controlled alarm clock (2018)**
  + Designed and implemented a wireless motion-controlled alarm clock to help people that have trouble waking up in the morning
  + Created both the hardware clock from components as well as the software in python required to interact with the wireless communication modules and the motion sensor
  + The result of this was that I now woke up on time
* **Automated searcher drone (2019)**
  + Primary developer in team of 4 in creating an automated Bluetooth searcher drone
  + Designed, proposed, and implemented core drone functionality in ANSI C, such as Bluetooth communication and motor control, and helped integrate with the searching subsystem implemented by teammates
  + The result of our work was a successful demo of the searcher drone correctly locating and moving to a target drone only from the target drone’s Bluetooth system