

# Leon Chou

1652 E 12 St Brooklyn, NY, 11229

leonchou123@gmail.com — 917 - 691 - 0038

[www.github.com/bleepbloopsify](http://www.github.com/bleepbloopsify)

## Education

---

**New York University Tandon** : B.S. Computer Science, anticipated graduation 2020.

**Stuyvesant HS** : Stuyvesant Diploma anticipated 2016; Relevant Coursework: AP CS, Software Development.

## Programming Experiences

---

### **Safety in Numbers** *Backend Developer*

Project for “Dream it. Code it. Win it.” a competition held by MIT, won the May 2015 Microsoft Prize.

- Developed a webpage using Java Server Pages that assigned police precincts a general safety rating based on the city’s crime data.

### **Picky** *Backend Developer*

“DefHacks()”, a hackathon hosted by CSTUY, our project won award for Best Design.

- Programmed an app hosted in Python Flask and accessed Yelp’s REST API that generated a list of restaurants based on what the user did NOT want to eat.

### **Nutritrades** *Backend and Middleware Developer*

“Dream it. Code it. Win it.” submission project for this year.

- Created a website hosted in Node.js and DigitalOcean that allowed users to post and sell produce they grew themselves.

### **DandD** *Full Stack Developer*

Software Development Final Project.

- This application allowed users to customize their organization of information in a database.
- Written with Python Flask and MongoDB.

### **ELWire** *Arduino Board Programming*

Programmed 5 electrical suits with strobes and patterns for our school’s annual “Sing!” performance in C++.

- Set timings for 5 suits to coincide with a musical number using Arduino and several EL Sequencing boards.

### **Languages** *In order of fluency*

JavaScript, Python, Java, C/C++, Ruby.

## Work/Volunteer Experience

---

### **Brooklyn Public Library Central Branch** *Foreign Language Volunteer*

Work consisted mainly of collaborating with other employees to relabel and reshelve books.

### **Spicy Bampa** *Busboy*

Served as waiter here for a summer, then was transferred to larger branch. Came into contact with customers often.

## Skills/Interests

---

**Chinese:** Fluent in Mandarin Chinese

**Flow Arts:** Performing Poi and Contact Juggling for 2 years.

**Violin:** Practicing since age 4, held position of Concertmaster in my local orchestra for 2 years .