

# Henry Xiaofeng Li

Elmhurst, NY | xiaofengli2016@gmail.com | (646) 881-8351  
www.linkedin.com/in/henryli12 | www.github.com/henryli12

## Education

---

### Stony Brook University, Stony Brook, NY

August 2017 – May 2021

- Majors: Computer Science and Applied Mathematics
- GPA: 3.63
- University Scholars Program (Top 7%)
- Relevant Courses: Data Structure, Programming Abstractions, Scripting Languages, Analysis of Algorithms, Software Engineering, Software Development

## Skills

---

- **Languages:** Python, JavaScript, HTML/CSS, Java, C, SQL
- **Frameworks:** React.js, Django
- **Databases:** MongoDB, MySQL

## Programming Projects

---

### NBA Positions Analysis

January 2021

- Analyzed how each position in the NBA play differently and how the players' physical traits affect the position they play
- Scraped data with BeautifulSoup and Selenium from multiple sources
- Used Plotly to help visualize the data in different types of plot

### Money Manager

December 2020

- Built a web application using Django that allows users to keep track of their income and expenses
- Utilized FullCalendar.js to display the transactions on a calendar
- Used: JavaScript, Python, SQLite, HTML/CSS

### Redistrictor

September 2020 – December 2020

- Built a web application that allows user to random generate districting plan on selected states, and compare to the enacted plan via a box-and-whisker plot
- Implemented an algorithm that ran on real-world data and generated promising results
- Designed appropriate data structures to optimize algorithm runtime
- Created a local server with the Spring Boot framework

### GoLogoLo

May 2020

- Built a web application using React.js that allows user to create logos and export them
- Saved user logos to a local MongoDB server
- Styled the client with the Bootstrap framework

### Yiikes

April 2020 – May 2020

- Built a web-based game with Phaser.js that requires the player to dodge various obstacles to get to the end point
- Hosted the webpage using Firebase

## Job History

---

### KidOYO, Long Island, NY (Mentor)

September 2018 – September 2019

- Mentored young computer science learners to turn their creative ideas into a computer program
- Provided feedback to students created programs to help them understand their mistakes
- Languages included: Java, Python, JavaScript, HTML, CSS, Scratch

### CPC (Chinese-American Planning Council), Flushing, NY (Office Assistant)

Summer 2019

- Assisted with office tasks and other hands-on projects
- Automated the inventory functions through the use of MS Excel improving efficiency and minimizing errors

### McDonald's, Flushing, NY (Cashier)

Summer 2016 & Summer 2017

- Adapted to pressure and took responsibility when it mattered
- Connected well with the customers and provided them the best care possible