

**Darren Zhang**

646-641-0775

<https://github.com/darrenzhang2000>

darrenzhang200027@gmail.com

## **Education**

**Hunter College, City University of New York** (GPA: 4.0, 101 credits)

- B.A. Computer Science; B.A. Math; Honors Sage Scholar; Dean's List; AP Scholar

**Computer Science Coursework:** Data Structures and Algorithms, Software Analysis and Design I, II and III, Computer Architecture I and II, Computer Theory I, Open Source Software Development

**Math Coursework:** Linear Algebra, Probability Theory, Discrete Structures, Calculus III, Mathematical Analysis I

## **Experience**

**The Web Developer BootCamp (Udemy)**

**9/1/19-Present**

- Learned intermediate HTML, intermediate CSS, Bootstrap and Javascript, DOM, NodeJS, JQuery
- Created a blog page, Tic Tac Toe board, photogrid, Pokemon information table, dog-bio page.

**The Complete SQL BootCamp (Udemy)**

**7/2019-8/2019**

- Read and wrote complex queries to a database using PostgreSQL; covered sections such as SQL statement fundamentals, group by statements, joins, advanced SQL commands, creating databases and tables, and PostgreSQL with Python; completed mini-challenges and three assessment tests.

**AMC Programming (Hunter College team member)**

**8/2019-Present**

- Weekly programming practice in preparation for the International Collegiate Programming Contest (ICPC).

**Innovation, Entrepreneurship and the Science of Smart Cities (ieSoSC) Program**

**7/2017-8/2017**

- Final project: created a gas detector that sends text, lights LED, and sounds alarm when gas is detected; Arduinos, programming language C++, sensors, and SMART technology.

## **Projects**

- **Route Map** | <https://github.com/darrenzhang2000/RouteMap>
  - Implementation of two classes, City and RouteMap; Data structures: list, vector, stack
  - Used recursive backtracking to determine if it a route is possible from origin city destination
- **ASL On Your Side | Lehman College Hackathon**
  - Used HTML, Javascript, CSS and Bootstrap to create a website that markets our product.
  - Used Python (Flask and Pillows) to convert words spoken to Alexa to images of ASL
  - Assisted team members with the backend; briefly introduced to Alexa Skills API.
- **LifeSaber | Queens College Hackathon**
  - Created a Chrome Extension that ranks the safety level of a neighborhood.
  - Managed FBI data from NYC Open Data; Python, Javascript, HTML, Bootstrap, Chrome Extension.

**Languages & Technologies:** C++ (2-3 years) , Python (2+ years) , HTML (1 year), CSS (1 year), Javascript (1 year), Java (2 months), PostgreSQL (2 months), Bootstrap, NumPy, Pandas