Darren Zhang
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Education

Hunter College, City University of New York (GPA: 4.0, 101 credits by the end of this semester)

- Computer Science major and BAMA in Applied Math; Honors Sage Scholar; Dean's List; AP Scholar \

Experience

The Web Developer BootCamp (Udemy) **9/1/19-ongoing**

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

The Complete SQL BootCamp (Udemy) **8/1/19-8/26/19**

- 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) **8/21/19-ongoing**

- Participates in weekly programming practice in preparation for the International Collegiate Programming Contest (ICPC)

Hackathons **10/2018** and **11/2018**

- **Queens College Hack Attack-** Created a Chrome Extension that ranks the safety level of a neighborhood based on FBI data; used Python, Javascript, HTML, Bootstrap, Chrome Extension
- **Lehman College Hackathon-** Created the website part of a project that translates voice message to American Sign Language; used Python(Flask and Pillows), Javascript, Alexa Skills API

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

Relevant Courses

Software Analysis and Design I, II, and III (A+, A+, taking)

- Proficient with C++, algorithm analysis, containers, iterators, sets, maps, heaps, backtracking, recursion, dynamic programming, object oriented programming (classes, inheritance, polymorphism, abstract data types), data structures (arrays, vectors, linked lists, stacks, queues, trees, hash tables), sorting algorithms

Computer Architecture I and II (A, taking), **Discrete Structures** (A+), **Intro to Computer Science** (A+), **Programming for Everyone** (A+)**, Supervised Programming Lab** (A+), **Computer Theory I** (taking), **Open Source Software Development** (taking), **Linear Algebra** (A+), **Probability Theory** (taking)

Introduction to Computer Science I and II (Stuyvesant HS)

- Designed web pages using HTML and Python; Worked with DrRacket and NetLogo