

Darren Zhang

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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.
- 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)

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

• 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.
- Used 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