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