

Hong Sen Du

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Education

The Bronx High School of Science

GPA: 4.0

Intended Major: Computer Science

AP Computer Science Average: 99.6

Skills

- Proficient in Word Doc and Excel
 - Proficient in HTML, CSS, and JavaScript
 - Leadership and Organizational Skills
 - Proficient in Java and Python
 - Experience with C# and Swift
 - Experience with iMovie
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Experience

1/15/18 – 4/10/18 | BRONX, NEW YORK

Web Developer / Children's Haven

- Creating a story-based website for Children's Haven, a new nonprofit that offers various forms of aid to shape the lives of children with incarcerated parents
- Leads tutor volunteers from throughout NYC to tutor the children receiving aid from the nonprofit

7/7/17 – 12/31/17 | QUEENS, NEW YORK

Web Developer / Faith In New York

- Designed the nonprofit's website focused on voter activism and immigration aid to improve the NYC community for all residents.
 - Utilized Google Maps API, Google Schedule API, and Google Analytics to track website user flow
 - Developed "Faith Over Fear" platform focused around providing information about candidates during the 2017 NYC election through Candidate Voter Guides, Candidate Forums, and Voter FAQs
 - Created a database to store information about the candidates using SQL
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Activities

- Hackathon Committee - Organizes and manages the annual AtomHacks Hackathon at Bronx Science
- Bronx Science Hackers (Secretary) - Introduces programming through workshops and trips to tech companies
- Computer Science tutoring – Tutoring those who struggle with concepts on the AP Computer Science A Exam
- No Child Gets Left Behind - Tutors go to a local homeless shelter every Monday to tutor and teach life skills
- No Child Gets Left Behind Startup Web Developer/Public Relations – Promoting outreach and funding
- ESPI Program - Math tutoring program for 7th and 8th graders to prepare for the SHSAT
- Big Sib- Role model for incoming freshman to help them transition from middle school to high school
- National Honor Society - Runs Bronx Science events like Open Houses and Parent Teacher Conferences
- Key Club - Volunteer work around the city such as fundraising walks and soup kitchens
- Junior Achievement Business Competition - Leader of my team to design a new product
- App development- Currently designing app to help students organize online study guides more efficiently
- MIT Python Machine Learning Course and Rice University's Online Python Course