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SIDDHARTH RAJAN



srajan17



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Education

New York, NY

The City College of New York

Class of 2020

B.E. in Computer Engineering, GPA: 3.43

Relevant Courses: Data Structures, Algorithms, Software Design, Assembly Programming, Switching Systems, Electrical Circuits, Physics, Calculus, Probability, Linear Algebra/Vector Calculus

Experience

Research Internship

Molecular and Structural Lab

Aug 2017 – Mar 2018

Implemented data retrieval Python scripts using libraries such as Pandas and NumPy

Contributed towards the MCCE protein analyzing program by implementing it in C++

Projects

HouseQuest, CUNY Spring 2018 Hackathon: **Developed** a website where a user can search for houses of his/her preference in their local area in real-time. Primarily worked on the front-end, as well as a little on the back-end. **Made use** of frameworks such as jQuery and different APIs from various house-finding websites.

TraeC, HackNY Fall 2017 Hackathon: **Designed** a website where a user can keep track of all the jobs and internships that he/she applied to. **Utilized** the MongoDB database feature along with Node.js to develop the back-end, as well as HTML and CSS for the front-end. Won the “Most Technical” award in the hackathon.

Skills/Technologies

Markup/Programming Languages: HTML, CSS, JavaScript, Python, Swift, Java, C++

Software: Xcode; Command Line; MATLAB; Multisim

Operating Systems: macOS; Windows; Linux

Databases: MongoDB

Affiliations

Institute of Electrical and Electronics Engineers, CCNY

since March 2017

Association for Computing Machinery, CCNY

since March 2017

CCNY Code, CCNY

since July 2017

Honors

Dean's List, CCNY

2016 – 2017

Grove Honors Scholarship Recipient, CCNY

since August 2015