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SIDDHARTH RAJAN



srajan17



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Education

New York, NY	The City College of New York	Class of 2020
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B.E. in Computer Engineering, GPA: 3.51

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
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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

EZTravel, Personal macOS App, June 2018: **Developed** an app for macOS in which a user can enter preferences of a flight that he/she wants to take, and the app responds with relevant results that meet the search criteria. **Utilized** Swift to develop the front-end and back-end, as well as an API from the Amadeus Travel Innovation Sandbox.

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
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Association for Computing Machinery, CCNY	since March 2017
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CCNY Code, CCNY	since July 2017
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Honors

Dean's List, CCNY	2016 – 2017
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Grove Honors Scholarship Recipient, CCNY	since August 2015
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