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SIDDHARTH RAJAN



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

Honors

Dean’s List, CCNY	2016 – 2018
Grove Honors Scholarship Recipient, CCNY	since August 2015