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SIDDHARTH RAJAN

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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

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 – 2017**
Grove Honors Scholarship Recipient, CCNY	**since August 2015**