SATWIK SINGH

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EDUCATION

May 2020(Expected)   **University of Illinois at Urbana Champaign**
GPA 3.84 (Dean's List)   **B.S in Computer Science and Statistics**

LANGUAGES AND FRMEWORKS

- Skilled : Python, Java, HTML5, CSS3
- Comfortable: C++ (2 years in High School), Javascript, NodeJS, Numpy, R programming, SQL
- Acquainted: Firebase, Django, MongoDB

ACADEMIC AWARDS

- Received prestigious Award 'Scholar's Blazer and Tie' for consistent academic excellence for **six consecutive years** (2009-15) in 2015
- Secured **2nd** position in **Competitive Deciphering** in Annual Mathematical symposium in 2016.
- Secured **3rd** position for presentation on **P vs NP** (*http://bit.ly/p_np*) in Annual Mathematics Symposium.
- Secured **1st** position in **Model Making** (Model on **Bertrand's Paradox**) in an inter-school competition "The Mathematical Crusade".

WORK EXPERIENCE AND SIDE PROJECTS

2018   **CS 125 Course Assistant**
- Course Assistant for CS 125 Spring'18, responsible for helping students in office hours, helping during weekly lab sessions and in motivating them to get more interested in the field.

2017   **Partial (in progress)**
- A chrome extension that takes the text from the news website you're on currently and shows a bias rating using the average emotion weights of preset keywords which (if) were in the piece of text. (We're currently using Watson api, but we want to train our own model for future uses)

2017-18   **HackIllinois Experience Staff**
- Worked in planning out the hackers' experience at the event.
- Determining the criteria for accepting hackers in the event.
- Working with mentors and sponsors to organize workshops.
- Planning the layout of all the events and workshops.

2017   **Go Get Out**
- A fitness application for motivating lazy people to go get out! Used firebase to store data and Google Maps api to get current location and display path and maps activity. Source code on personal website

2016   **File Management System for local Car Garage (C++ Project)**
- Created a file management system for a local car garage from scratch
- Had functions like User login for viewing status, progress and repair costs of car. Admin login, for functions like add/remove car, change status.

2014-17   **Honorary Advisor at Mathematics Society**
- Served for 3 consecutive years.
- Helped out in managing the annual Mathematical Symposium.
- Organizing year round activities like quizzes and competitions.

2015-17   **Chief Editor at Physics Society**
- Served for 2 consecutive years.
- Edited all the digital and written media.
- Informing the students of the various club activities being hosted.

2014   **Founder at Rubik's Cube Club**
- Founded the Rubik's Cube Club out of curiosity for finding others with same peculiar interests as mine