

# Aditya Arora

Engineering  
Undergraduate

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## EXPERIENCE

### Full Stack Developer

March 2019 – Present

- Redesigned the official website of Track In India by Capital One, at: <https://trackinindia.in> and developed a PHP based search query feature.
- Developed a Web Application using Django and SQLite for handling all client requests, integration of database entries with automated emails.
- Currently working on Django to develop an employee login portal for providing single step solutions to the operations team.

### Capital One

New Delhi, IN

### Research Intern

June 2018 – July 2018

- Developed simulation models on MATLAB for MAC Layer of Visible Light Communication.
- Tested multilayered Visible Layer Communication simulation models on NS3.
- Performed rigorous literature surveys for Visible Light Communication technology.

### IIT Delhi

New Delhi, IN

### Teaching Intern

June 2017 – August 2018

- Mentored and taught underprivileged children.
- Recruited underprivileged children for providing them the necessary educational resources.
- Carried out fund raising drives.

### Aashman Foundation

New Delhi, IN

## ADDITIONAL ACTIVITIES

### BVPIEEE

August 2017 – Present

General Secretary (2019 – present) at BVPIEEE, Web Administrator (2018 - 2019) at BVPIEEE, Event Manager (2018 - 2019) at BVPIEEE, Event Manager (2017 - 2018) at BVPIEEE-RAS.

### Amoli Trust

December 2019 – January 2019

Web Developer Volunteer - Designed and Developed the entire website and managed SEO related tasks and server side management for the website.

### FreeLancer - Web Design and Development

2017 – Present

Projects – <https://edunovate.in>, <https://sspenvirosolutions.in>, <http://www.planmybirthday.store>, <https://lavanyamedicals.com>, <https://justsellgold.in>, <http://jewelsplanet.com>, <https://rkbortho.com>, <https://delhicakes.co>

## LANGUAGES AND TOOLS

Python • CSS • HTML •  
Django • JQuery • C •  
MATLAB • LaTeX • Microsoft  
Office

## EDUCATION

### Bharati Vidyapeeth's College of Engineering, New Delhi

8.66 CGPA upto 4<sup>th</sup> Semester,  
Bachelors of Technology, 2016-  
2020

### St. Sophia's Senior Secondary School, New Delhi

9.6 CGPA, 10<sup>th</sup> Class, 2014  
88.88%, 12<sup>th</sup> Class (Science),  
2016

## CERTIFICATES

**KitsNSpares**, Winter  
training program in IoT –  
*Jan 2019*

### Global Science

**Olympiad**, All India Rank  
3 - *April 2015*

## PUBLICATIONS

**November 2018**, A Novel Non-  
invasive Framework for Predicting  
Bilirubin Levels – Springer ( LNCSE )

**March 2019**, Advanced Anti-theft  
and Accident Alert System for Two  
Wheelers using Location Based  
Services - Springer ( LNEE )