

# Aditya Arora

Engineering  
Undergraduate

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## EXPERIENCE

### Full Stack Developer

March 2019 – Present

### Capital One

New Delhi, IN

- 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.

### Research Intern

June 2018 – July 2018

### IIT Delhi

New Delhi, IN

- 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.

### Teaching Intern

June 2017 – August 2018

### Aashman Foundation

New Delhi, IN

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

## ADDITIONAL ACTIVITIES

### BVPIEEE

August 2017 – Present

- Web Administrator (2018 - present) at BVPIEEE, designed and developed the branch's website from scratch. Also managed the executive team consisting of 3 members.
- Event Manager (2018 - present) at BVPIEEE, managed various events and executives during the tenure.
- Event Manager (2017 - 2018) at BVPIEEE-RAS, managed workshops conducted by BVPIEEE-RAS.

### Amoli Trust

December 2019 – January 2019

- Web Developer Volunteer-
- Designed and Developed the entire website using HTML, CSS, JS and PHP.
- Managed SEO related tasks and server side management for the website.

### FreeLancer - Web Design and Development

2017 – Present

- Delivered multiple websites ( static ) to clients developed on JS, CSS, HTML, WiX, and Wordpress.
- SSP Enviro Solutions – <https://sspenvirosolutions.in>
- RKB Ortho – <https://rkbortho.com>

## LANGUAGES AND TOOLS

Python • CSS • HTML • Django  
• JQuery • C/C++ • MATLAB  
• AngularJS • LaTeX • Microsoft  
Office • Batch Scripting • PHP  
• SQLite • Embedded C

## 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

88.88%, 12<sup>th</sup> Class (Science)

## CERTIFICATES

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

**ICCVBIC**, Conference on Computational Vision and Bio Inspired Computing – Nov 2018

**Intellectual Property Workshop** – MHRD's Innovation Cell – Jan 2019

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

## PUBLICATIONS

**November 2018**, A Non-invasive Framework for Detecting Hypercholesterolemia using Computer Vision – *IJEDR*

**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 )*