

# ADITYA ARORA

Engineering  
Undergraduate

## PERSONAL INFO:

### Address

BG - 6, 63 - B,  
Paschim Vihar,  
New Delhi - 110063, India

### Phone

8375059963

### E-mail

adi.arora.797@gmail.com

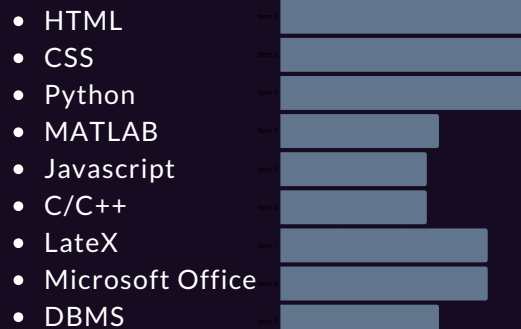
### Date of birth

1998-01-06

### LinkedIn

<https://linkedin.com/in/aditya-arora-124aba142/>

## HARD SKILLS:



## PROJECTS:

2019-01

Ocular: A device under development with integrated computer software and web application availability to diagnose high cholesterol, cataract and jaundice.

2017-11

Planter Bot: An automated robot which can recognize colors, shapes and follow lines using Image Processing.  
( Implemented under Eyantra 2017 )

A diligent worker with a very focused and result oriented approach. Good at communication and understanding along with high emotional intelligence. Always up to learning new technologies and approaches with prior experience of working in a number of organizations and providing client basis services.

## EXPERIENCES:

### RESEARCH INTERN

Indian Institute of Technology Delhi  
June 2018 to July 2018

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

### TEACHING INTERN

Aashman Foundation  
June 2017 to August 2017

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

### WEB DEVELOPER (VOLUNTEER)

Amoli Trust  
December 2018 to January 2019

- Created the web design for the website of the organization.
- Developed the entire website using HTML, CSS, JS, and PHP.
- Managed SEO related tasks and server side management for the website.

## EDUCATION:

St. Sophia Senior Secondary School, New Delhi - Class of 2016

- 10th class CGPA - 9.6
- 12th class percentage - 88.88%

Bharati Vidyapeeth's College of Engineering, New Delhi - Class of 2020

- CGPA ( upto 4th semester ) - 8.71

## 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)

## CERTIFICATES:

January 2019

KitsNSpares - Winter training program in Internet of Things.

November 2018

Conference - ICCVBIC 2018 (RV College of Engineering, Coimbatore, India)

January 2019

Intellectual Property Workshop - MHRD's IIC BVCoE, New Delhi, India

2015

All India Rank 3 - Global Science Olympiad 2015

## ADDITIONAL ACTIVITIES:

### BVPIEEE

August 2017 - present

- Web Administrator (2018 - present) at BVPIEEE, created the branch's website from scratch. Managed the executive team consisting of 3 members.
- Event Manager (2018 - present) at BVPIEEE.
- Event Manager (2017-18) at BVPIEEE - RAS.

### FREELANCER - WEB DESIGN AND DEVELOPMENT

2017 - present

Delivered multiple number of sites to clients designed using HTML, CSS, JS, PHP, Django, Wordpress.

- SSP Enviro Solutions - <https://sspenvirosolutions.in>
- RKB Ortho International - <https://rkbortho.com>, etc.