ADITYA ARORA

Engineering Undergraduate

PERSONAL INFO:

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Date of birth
1998-01-06

LinkedIn
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HARD SKILLS:

- HTML
- CSS
- Python
- MATLAB
- JQuery
- AngularJS
- C/C++
- LateX
- Microsoft Office
- DBMS

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.