

# Abhishek Aligh

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## EDUCATION

### Bachelors of Technology in Computer Science Engineering

Amity University, Noida  
2016-2020. GPA: 7.42/10

### Senior Secondary Education (ISC)

St.Joseph's College, Nainital  
02/2015-05/2016 83.60%

### Secondary Education (ICSE)

St.Joseph's College, Nainital  
02/2013-05/2014 79.67%

## SKILLS

### PROGRAMMING LANGUAGES

Python • JAVA • MATLAB  
SQL • JavaScript • C/C++

### Web-Development Tools

HTML • CSS • SASS  
Bootstrap • Angular

### TextEditor/IDE

VS Code • NetBeans • PyCharm

### Platforms

macOS • Windows • Ubuntu

### SOFT SKILLS

- Teamwork
- Leadership
- Flexible/Adaptable
- Communication Skills

### LANGUAGES

- HINDI (Mother Tongue)
- ENGLISH (Proficient)
- SPANISH (Elementary)

## INTERESTS

- Travel
- Photography
- Table Tennis
- General Physics

## EXPERIENCE

### Software Engineer (Trainee)

Newgen Software Technologies | Noida, India | February 2019 -Present

- Worked in team that provides support to Bermuda government for a 2017 deployed project.
- Proactively working with technologies such as J2EE, JavaScript, AngularJS and MySQL
- Assisted the team in fixing bugs and enhancing the project as and when required.

### Software Engineer Intern

Bharat Electronics Limited | Ghaziabad, India | May 2019 - July 2019

- Worked closely with the D&E Antenna department to understand the requirements.
- Calculate Look-angle using python3 and Tkinter for the indigenous VSAT terminal.
- Learnt about satellites and how they are used for communication by defence.
- Assisted the team in assembling and demonstrating the final product to the client.

## PROJECTS

### Digital Smile Design

Computer Vision Based Dentistry Tool | August 2019 - May 2020

DigitalSmileDesign is an attempt to address an array of problems as a multi-purpose tool with an image based : tooth region detection, dental and facial characteristics visualisation which enables the dentists for better communication with the patient in order to prepare an efficient treatment plan and also allow a little insight in the future result of the treatment.

### NoFilter

Computer Vision based project on Snapchat like filters | February 2019

NoFILTER makes use of OpenCV library for python and 68-facial landmarks to detect faces in real-time and effectively apply filter on them.

### ComplexityMaster

Time complexity of recurrences using Master Theorem | June 2018

A python project which used regular expression to parse the entered string of recurrence relation and to determine its time complexity using master theorem.

### PredictWithML

Predictions based on Regression Analysis | May 2018

This project was developed to dive in deeper and understand the space of Supervised Machine Learning. This standalone desktop application can be used on two or more variables dataset to predict the dependent entity. This project was used to demonstrate Regression Analysis for prediction to a class of 60 students

## ACHIEVEMENTS & LEADERSHIP ROLES

- Vice-President of photography club 'The Shutterbug'.
- Choreographed and trained 200+ students for the school's Annual Function
- Second Place in DecodeX, CyberCup (2017).
- First Place In Media Presentation Competition (2015).
- Gold Medal ' O' Division Inter Divisional Tournament For Table Tennis (2015)
- Consolation in Photography Competition, Organised By Florist League (2012)
- Second place in Roller Skating (2012)
- First Place in I.T Quiz Competition- NIIT Rohini, New Delhi (2011)