

ASHUTOSH AGARWAL

Senior Year B. Tech Student
Computer Science and Engineering
Shiv Nadar University

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Career Objective

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in computer vision and machine learning.

Academic Qualification

Year	Degree	Institute	CGPA/Percentage
2013-Present	B. Tech in Computer Science	Shiv Nadar University	7.6
2013	Class XII CBSE-AISSCE	Ryan International School	84.8 %
2011	Class X CBSE-AISSCE	Ryan International School	10

Major Projects

- **Face Detection Using Python and OpenCV Library.**

2015 Summer Holidays
SELF

I worked on python and used the open-source OpenCV Library which aims at computer vision. Squares would be marked on the screen to indicate the face.

- **Course Allocation System**

August-December, 2015
Prof. Sniqdh Biswas

I worked on Java Swing and MySQL to create a Course Allocation System where the user registers to select courses offered during the semester. I also provided the attendance predictor.

- **Picdit – Online Photo Editor WebApp**

January-Present*,2016
SELF

I am currently working on this Photo editing web application. This would provide multiple filters to user for editing his photo. These filters have been extracted from JSManipulate, which is an open source library for Image Filters. The site would be built using HTML and JavaScript, with Bootstrap leading the way for the look and feel.

Scholastic Achievements

- Achieved AIR- 43 in the “National Science Olympiad” in Class 10th.
- Won Gold Medal in the MACFAIR Science Project at CMS Lucknow, for the Science model on mobile refrigerator.

Conferences/Workshops Attended

- Conference by Dr. Raj Reddy who received ACM Turing Award, for contributions to the field of Artificial Intelligence.

- Represented my school at the conference lead by *Dr. A.P.J. Abdul Kalam* at Siri Fort for *Times NIE Newsmaker's 2012 meet*.
- Amongst the few selected to attend the visit by Dr. Pranab Mukherjee, Hon'ble President of India on 18th January, 2016 at Shiv Nadar University.

Positions of Responsibility held:

<u>Title of Position</u>	<u>Institute</u>	<u>Timeline</u>	<u>Description</u>
Education Minister	Ryan International School, Greater Noida.	<u>2011-2012</u>	Elected as the Education Minister of the Council of Ministers

Relevant Courses

- Computer Science: Computer Networks, Operating Systems, Languages and Computation, Analysis and Design of Algorithms, Programming Languages, Computer Architecture, Discrete Mathematical Structures, Data Structures.
- Others: Linear Algebra, Abstract Algebra, Mathematical Methods, Digital Electronics, Topics in Nanotechnology

Computer Skills

- Programming Languages: Java, C/C++, Python, PHP, MySQL, JavaScript.
- Software Packages: Matlab, OpenCV, Xilinx
- Platforms: Linux and Windows

Personal Profile

Date of Birth: 06-06-1995

Sex: Male

Languages Known: English, Hindi

Declaration

I consider myself familiar with Computer Science concepts. I am also confident of my ability to work well in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

DATE: 4-1-2016

NAME: Ashutosh Agarwal