

Nishant Gupta

Third Year Student
Computer Science and Engineering
IIT Kanpur

I-307/5, IIT Kanpur
nishgu@iitk.ac.in
7275726006

Year	Degree	Institute	CPI
2017 (expected)	B.Tech, Computer Science	IIT Kanpur	9.2/10.0
2013	HSCE	Shivpuri Public School, Ashoknagar	93.60%
2011	AISSCE	Tara Sadan School, Ashoknagar	9.6/10.0

SCHOLASTIC ACHIEVEMENTS

- Awarded Academic Excellence Award (IITK) given to top 5% students on the basis of academic performance.
- Secured AIR-248 out of 0.15 million students in JEE-Advanced 2013.
- Qualified Regional Mathematical Olympiad (Rajasthan Region).

INTERNSHIPS AND EXPERIENCES

- Altisource Business Solutions - Technology Intern May'15-Jul'15
 - Worked on the projects “Actor Equivalence and Identity Stitching” and “Event Data Clustering” for the company’s consumer analytics product ‘Pointilist’
 - Designed an algorithm for solving the actor equivalence problem (Established a relation between actors and streaming events) for single/ Multiple platforms
 - Quantified various real life consumer attributes and clustered them to arrive at meaningful inferences using Various clustering algorithms.
- Worked on front-end of Website for AlumniContact Programme, IIT Kanpur. Apr'14-Jul'14

PROJECTS

- Sentiment Analysis of Social Media - Takneek'14 Aug'14
 - Application developed during Web-Dev, Takneek'14 and secured 1st position.
 - Provided an interface to analyse the past and present social sentiment of brands and their products.
 - Identify ‘good’ and ‘bad’ features of the product and suggest weak points to improve it.
- Image Trianglization - Programming Club, IIT Kanpur May'14-Jul'14
 - Renders image using only triangles and gives the sense of image.
 - Basic GUI using Tkinter and webcam support.
 - Uses Delaunay Triangulation so that image is aesthetically pleasing.
 - Uses OpenCV for Image Processing and Manipulation.
- News Map - ACA, IIT Kanpur Feb'14-Apr'14
 - A webapp that plots news on a world map.
 - Uses Various APIs for location resolution, news fetching and map plotting.

RELEVANT COURSEWORK

CS210 - Data Structures and Algorithms(A*) CS201 - Discrete Mathematics(A)
CS345 - Algorithms II(Ongoing) MSO201 - Probability and Statistics(A)
CS653 -Functional Programming(Ongoing)

TECHNICAL SKILLS

Development Environment : Gentoo, Arch - Xmonad, i3
Languages : C/C++, Haskell, Scala, Python, Bash, JS, Dart.
Other : git, Angular, Android App Development, html, SQL,css/scss.

POSITIONS OF RE- SPONSIBILITY

Secretary of Programming Club, IIT Kanpur. 2014-2015