Nishant Gupta

Third Year Student
Computer Science and Engineering
IIT Kanpur

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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.
- Selected for the KVPY (Kishore Vaigyanik Protsahan Yojana) in 2013
- Qualified Regional Mathematical Olympiad(Rajasthan Region).
- Among top 1% in National Standard Examination in Physics 2013.

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.

- Contributed to front-end of Website for AlumniContact   Apr'14-Jul'14
  Programme, IIT Kanpur.

PROJECTS

- Sentiment Analysis of Social Media: 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   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   Feb'14-Apr'14
  - A webapp that plots news on a world map.
  - Uses Various APIs for location resolution, news fetching and map plotting.

Technical Skills

Development Environment : Gentoo - Xmonad,i3
Languages : C/C++,Haskell,Scala,Python,Bash,JS,Dart.
Markup and Styling : Html,scss/css,Markdown.
Libraries and frameworks : Angular,OpenCV,Scrapy
Software : Emacs, Vim, IntelliJ Idea.
Operating Systems: Linux, Unix.
Other : git,LaTeX,Android App Development,Data Manipulation.

Positions Of Responsibility

- Seceretary of Programming Club, IIT Kanpur. 2014-2015
  - Part of a team of 15 members made to manage the activities of the Programming Club, IITK
  - Mentored freshmen for various Programming club competitions.