

Nishant Gupta

Third Year Student
Computer Science and Engineering
IIT Kanpur

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Year	Degree	Institute	Performance
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
 - Built a generic framework that takes varying Consumer data from different tenants and Processes, normalizes and Clusters it to derive meaningful inferences.
- Implemented Google Drive Integration and various small for a website that uses dart on front-end and scala on back-end. Also, currently developing Android app for same website.
- Worked on front-end of Website for AlumniContact Programme, IIT Kanpur. Apr'14-Jul'14

PROJECTS

- Sentiment Analysis of Social Media: Aug'14
 - Application developed during Web-Dev, Takneek'14 and secured 1st position.
 - Provided an interface to analyze 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.

RELEVANT COURSEWORK	<p>CS210 - Data Structures and Algorithms A*</p> <p>ESC101 - Fundamentals of Computing A</p> <p>MTH102 - Linear Algebra and DE B</p> <p>MTH101 - Analytical Calculus B</p> <p>CS202 - Introduction to Logic B</p> <p>CS340 - Theory of Computation(Ongoing)</p> <p>CS345 - Algorithms II(Ongoing)</p>	<p>CS201 - Discrete Mathematics A</p> <p>CS251 - Computing Laboratory A</p> <p>CS203 - Abstract Algebra B</p> <p>CS220 - Computer Organization B</p> <p>MSO201 - Probability and Statistics A</p> <p>CS330 - Operating Systems(Ongoing)</p>
TECHNICAL SKILLS	<p><i>Development Environment</i> : Gentoo - Xmonad,i3</p> <p><i>Languages</i> : C/C++,Haskell,Scala,Python,Bash,JS,Dart.</p> <p><i>Markup and Styling</i> : Html,scss/css,Markdown.</p> <p><i>Libraries and frameworks</i> : Angular,OpenCV,Scrapy</p> <p><i>Software</i> : Emacs, Vim, IntelliJ Idea.</p> <p><i>Operating Systems</i>: Linux, Unix.</p> <p><i>Other</i> : git,L^AT_EX,Android App Development,Data Manipulation.</p>	
POSITIONS OF RE- SPONSIBILITY	<ul style="list-style-type: none"> • Seceretary of Programming Club, IIT Kanpur. 2014-2015 <ul style="list-style-type: none"> – Part of a team of 15 members made to manage the activities of the Programming Club, IITK – Mentored freshmen for various Programming club competitions. 	