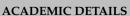
# Nishant Gupta

Third Year Student,

Computer Science and Engineering, IIT Kanpur

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Examination	Institute	Year	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 shortlisted students in JEE-Advanced 2013.
- Qualified Regional Mathematical Olympiad (Rajasthan Region).

#### **TECHNICAL SKILLS**

• Languages (C, C++, Java, dart, Javascript, Haskell, Scala, x86 Assembly(AT&T Syntax)), Database (MySQL) Script (Python, Shell), Tools (git, Angular, Android App Development, sbt, gradle, cabal).

#### **INTERNSHIPS**

• 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.

### **KEY PROJECTS**

• Online Web Platform - Under Prof. Manindra Agarwal

Nov'14-Present

- Implemented Google Drive Integration and various small features for a web platform that uses **Dart** on front-end and **Scala** on back-end.
- o Designed and developed the frontend using bleeding edge frameworks like AngularDart, Polymer, etc
- o Currently developing Android app for same web platform.
- Sentiment Analysis of Social Media Takneek'14

Aug'14

- Application developed during Web-Dev, Takneek'14 and secured 1<sup>st</sup> position.
- Provided an interface to analyse the past and present social sentiment of brands and their products.
- $\circ~$  Identify 'good' and 'bad' features of the product and suggest weak points to improve it.
- Image Trianglization Programming Club, IIT Kanpur

Jun'14-Jul'14

- o Renders image using only triangles and gives the sense of image.
- o Uses OpenCV for Image Processing and Manipulation, Tkinter for GUI and webcam support.
- Uses Delaunay Triangulation so that image is aesthetically pleasing.
- News Map ACA, IIT Kanpur

Feb'14-Apr'14

 A webapp that plots news on a world map using various APIs for location resolution, news fetching and map plotting.

#### RELEVANT COURSEWORK

 $\begin{array}{ll} \text{CS210 - Data Structures and Algorithms}(\mathbf{A^*}) & \text{CS201 - Discrete Mathematics}(\mathbf{A}) \\ \text{CS345 - Algorithms II(*)} & \text{MSO201 - Probability and Statistics}(\mathbf{A}) \\ \end{array}$ 

CS653 -Functional Programming(\*)

\* - Ongoing

## POSITIONS OF RESPONSIBILITY

• Seceretary of Programming Club, IIT Kanpur.

- 2014-2015
- o Part of a team of 15 members made to manage the activities of the Programming Club, IITK
- $\circ\,$  Mentored freshmen for various Programming club competitions.
- *Co-ordinator*, Funzone, Udhghosh'14 Annual Inter-College Sports Fest of IIT-Kanpur.

Sep'2014