Nishant Gupta

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**ACADEMIC DETAILS**

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| **Examination** | **Institute** | **Year** | **CPI/%** |
| 2017 | B.Tech, Computer Science | IIT Kanpur | 9.2/10. |
| 2013 | HSCE | Shivpuri Public School,Ashoknagar | 93.60% |
| 2011 | AISSCE | Tara Sadan School,Ashoknagar | 9.6/10. |

**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).
* Among Top 1% in NSEP(National standard Examination in physics) conducted by IAPT.
* Selected in KVPY(Kishore Vaigyanik Protsahan Yojana) .

**TECHNICAL SKILLS**

**Development-Environment:** Gentoo, Arch – Xmonad, i3

**Languages:** (C, C++, Java, dart, Javascript, Haskell, Scala, x86 Assembly(AT&T Syntax))

**Database:** (MySQL)

**Scripting:** 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, nor-malizes 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.
  + Designed and developed the frontend using bleeding edge frameworks like AngularDart, Polymer, etc.
  + 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 **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 Jun’14-Jul’14
  + Renders image using only triangles and gives the sense of image.
  + Uses **OpenCV** for Image Processing and Manipulation, Tkinter for GUI and webcam support.
  + Uses Delaunay Triangulation so that image is aesthetically pleasing.
* Front-end development for website of Alumni Contact Programme, IIT Kanpur
* **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**

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| CS210 - Data Structures and Algorithms(**A\***) | CS201 - Discrete Mathematics(**A**) | |
| CS345 - Algorithms II(\*) | MSO201 - Probability and Statistics(**A**) | |
| CS653 -Functional Programming(\*) | \* - Ongoing | |
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| **POSITIONS OF RESPONSIBILITY** |  | |
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* Co-ordinator, Funzone, Udhghosh’14 - Annual Inter-College Sports Fest of IIT-Kanpur. Sep’ 2014
* 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.