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# Rahul Pandey

Social Computing | Intent Mining | Machine Learning

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First term doctoral student in Information Technology. Exploring bits and bytes of applied machine learning for behavior modeling and intent mining of web data of different modalities (text/image/video)

## EXPERIENCE

### ❖ Research

**HSIL Lab, George Mason University, Fairfax, VA - *Graduate Research Assistant | Remote Intern***

JANUARY 2018-PRESENT | AUGUST 2016 - DECEMBER 2017

- Currently working on multidisciplinary research on solving problems of intent mining on social media data
- During internship, solely responsible for 2 projects under [Dr Hemant Purohit](#), leveraging social media for User identity classification and Modeling Stereotypical Aggression of users participating in important events like Gender based violence and recent disaster as part of B. Tech project.

**STARS Lab, Institut national de recherche en informatique et en automatique, Sophia Antipolis, FR - *Research Intern***

DECEMBER 2016 - MAY 2017

- Created an end 2 end pipeline framework for people detection on depth maps only. Used both deep and handcrafted features as a 2 step approach and trained on TitanX with parallel processing with the training of 1.4 million datasets (64\*128)@ ~30 mn per epoch.
- Achieved upto 95% precision and 88% recall on CAD 60 and KTP dataset

**INMAS Lab, D.R.D.O., Delhi, IN - *Winter Intern and Team lead***

DECEMBER 2015

- Lead the team of 10 undergraduate students to work in cognitive visualizations using d3.js under [Dr Sushil Chandra](#) with different raw data to generate meaningful insights out of it

### ❖ Industry

**Culture Machine, Pune IN - *Data Scientist (Current) | Intern (Past)***

JUNE 2017 - DECEMBER-2017 | MAY 2016- AUGUST 2016

- Worked on brand identity recognition from YouTube metadata. Creating word embeddings of all YouTube title metadata annotated for brands and finally using CNN for a classification model, to classify videos of whole YouTube universe
- During the internship, developed an end2end video generation platform from news

**Kritikal Solutions Pvt. Ltd., Noida IN - *Intern***

MAY 2015 - JULY 2015

- Completed 3 projects | Pedestrian detection using HOG (95.7% acc-private dataset of Delhi), generic GUI creation for training images & vanishing point detection

## EDUCATION

**George Mason University, Fairfax, VA** - *Ph.D.*

JANUARY 2018 - PRESENT

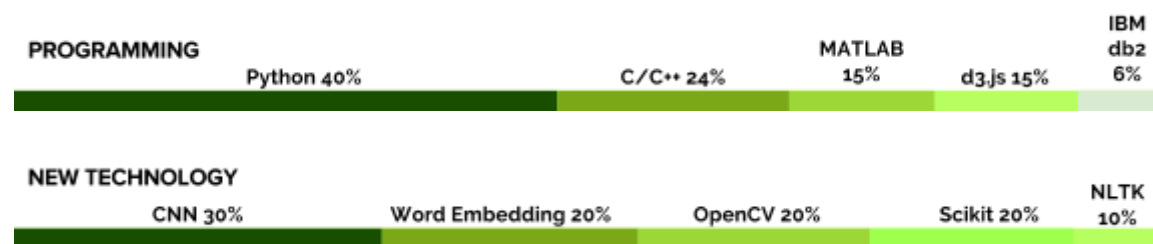
Information Science and Technology Major

**The LNM Institute of Information Technology, Jaipur IN** - *B. Tech*

AUGUST 2013 - MAY 2017

Computer Science Major | CPI 7.40 / 10.00

## SKILLS



## MANAGEMENT

2015-16	<b>G. SEC. Sci &amp; Tech</b>	Elected by whole college students (~1200)   Managed 7 tech clubs   Overall head of annual national level techfest Plinth-2016
2013-15	<b>Senator</b>	Senator of sports council   Elected twice by whole batch (~330)

## AWARDS & SOCIETIES

2015	<b>WMSC</b>	Volunteer and main designer of the website <a href="#">[Link]</a>
2014	<b>IEEE</b>	Design Lead for the session 2014-15 of <a href="#">IEEE Student Branch</a>
2014	<b>Instructor</b>	Taught students in a 9-day workshop <a href="#">[Link]</a>
2014	<b>Chess</b>	Winner at Inter College Sports Fest at RIET, Jaipur
2012	<b>RMO</b>	Qualified Regional Mathematics Olympiad

## EXTRACURRICULAR

- ❖ **Drama**
  - Winner of spoof and stage play in cultural fest “*Vivacity-2013 and 2015*” of LNMIIT
- ❖ **Designing**
  - Volunteered in the design team of sports fest “*Desportivos-2015*” of LNMIIT