

# MANSI MEHROTRA

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244001

## EDUCATION

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- **Bachelor of Technology (B.Tech) in Computer Science and Engineering** 2017-2021  
Jaypee Institute of Information Technology,Noida Overall CGPA: 8.0/10
- **Intermediate/+2: CBSE** May 2017  
Shirdi Sai Public School,Moradabad Overall Aggregate(in percent): 76.8
- **Matriculation: CBSE** 2015  
Shirdi Sai Public School,Moradabad Overall CGPA: 10/10

## CERTIFICATION AND AVHIEVEMENTS

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TCS Codevita Season 9(Pre-Qualifier Round)  
Social Media And Data Analytics

## INTERNSHIP

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Summer Internship(On Campus) May 2020-June 2020  
(Top K-Influencers Using Unknown Topology Graph)

## KEY PROJECTS

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**Identifying Most Influential Users On facebook Dataset Using Nature Based Algorithm** May 2020

*Technology/Language/Theory used : Python,Networkx*

In this project we use networkx graphs and other python libraries to find Most Influential Users On facebook Dataset using AOC algorithm and finding best possible heuristic with help of Independent Cascade Model.We have taken help of various research papers to complete it.

**Identifying Most Influential Users On facebook Dataset** November2019

*Technology/Language/Theory used : Python,Networkx*

In this project we use networkx graphs and other python libraries to find Most Influential Users On facebook Dataset using UAC rank algorithm and time stamp.We have taken help of various research papers to complete it.

**Top K Influencers Using Unknown Topology Graph** June 2020

*Technology/Language/Theory used : Python,Networkx*

In this project we use networkx graphs and other python libraries to find Most Influential Users On facebook Dataset when we know only 10-20% of topological information and compare the results with UAC rank algorithm and time recency using Independent Cascade model. We have taken help of various research papers to complete it.

## TECHNICAL STRENGTHS

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<b>Programming Languages</b>	C++ , C (intermediate) <b>Python</b> (intermediate)
<b>Miscellaneous</b>	MySQL, Social Network Analysis
<b>Operating Systems</b>	Windows 8/10

## RELEVANT COURSES

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<b>Beginner Core</b>	<b>Intermediate</b>	<b>Advanced/Electives</b>
Software Fundamentals	Operating Systems	Computer Networks
Mathematics	Financial Accounting	Software Engineering
Physics	Management in Finance	Computer Organization and Architecture
Electrical Science	Economic	Fuzzy Logic and Neural Networks
Data Structures	Principal of Management	Algorithmic Problem Solving
Database Systems and Web	Laser Technology And	Probability and Random Processes
Theory of Programming Languages	Applications	Data And Web Mining
	Solid State	Cloud Based Enterprise And Applications
	Organization Behaviour	

## POSITIONS OF RESPONSIBILITY

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<b>Student</b>	<b>Volunteer</b>	Expressions Club IIIT, 2017-2019
<b>Student</b>	<b>Volunteer</b>	Light The Literacy, IIIT 2017-18
		-- Volunteering to teach less fortunate children.
<b>Volunteer</b>		Bharat Girl Up Club- United Nation Foundation 2020-present
<b>Intern</b>		Texas Review( Content Writer) August 2020-present