

# SHRAVIKA MITTAL

shravika16093@iiitd.ac.in | in [ShravikaMittal](#) | [mittalshravika](#) | [CodeChef](#)

## EDUCATION

---

<b>Indraprastha Institute of Information Technology, Delhi</b>	<b>CGPA - 9.74</b>
B.Tech in Computer Science, 2020	
<b>Delhi Public School, R.K.Puram</b>	<b>Percentage - 96%</b>
CBSE 12th Boards, 2016	
<b>Delhi Public School, Noida</b>	<b>CGPA - 10</b>
CBSE 10th Boards, 2014	

## WORK EXPERIENCE

---

<b>Product Intern, Adobe India</b>	<b>May 2019 - Jul 2019</b>
<ul style="list-style-type: none"><li>• Part of Adobe Illustrator team, Adobe San Francisco.</li><li>• Worked on improving the Smart Global Edit feature.</li></ul>	
<b>Undergraduate Researcher <a href="#">LCS2 Lab</a>, <a href="#">IIIT-Delhi</a></b>	<b>Jan 2019 - Present</b>
<ul style="list-style-type: none"><li>• <b>Outwitting community detection algorithms</b><ul style="list-style-type: none"><li>– Advisor - Dr. Tanmoy Chakraborty</li><li>– B.Tech. Thesis   To hide a target community from community detection algorithms.</li></ul></li><li>• <b>Visibility of nodes in network growth models</b><ul style="list-style-type: none"><li>– Advisor - Dr. Tanmoy Chakraborty and Dr. Siddharth Pal</li><li>– Track change in node visibility for different network growth models over time.</li><li>– To be submitted to IEEE Transactions on Network Science and Engineering.</li></ul></li></ul>	
<b>Undergraduate Researcher <a href="#">PAG Lab</a>, <a href="#">IIIT-Delhi</a></b>	<b>Aug 2019 - Dec 2020</b>
<ul style="list-style-type: none"><li>• Advisor - Dr. Rahul Purandre</li><li>• Scalable and accurate detection of semantic clones.</li></ul>	
<b>Research Intern, <a href="#">IBM Research India</a> <a href="#">[HT News]</a> <a href="#">[Quartz]</a> <a href="#">[Github]</a></b>	<b>Jun 2018 - Dec 2018</b>
<ul style="list-style-type: none"><li>• Advisor - Ms. Nishtha Madaan</li><li>• Detecting gender bias in plots of books shortlisted in Man Booker's Prize.</li></ul>	
<b>Summer Intern, <a href="#">IIIT-Delhi</a></b>	<b>May 2018 - Dec 2018</b>
<ul style="list-style-type: none"><li>• Advisor - Dr. Pushpendra Singh.</li><li>• Ranking Computer Science Institutes in India based on their Research Publications.</li></ul>	
<b>Scholar, <a href="#">Rails Girls Summer of Code</a> <a href="#">[Blog 1]</a> <a href="#">[Blog 2]</a> <a href="#">[Twitter]</a></b>	<b>Jul 2017 - Sep 2017</b>
<ul style="list-style-type: none"><li>• Youngest Team worldwide - <a href="#">276linesofCode</a>   Worked on Tessel.</li><li>• One of the top 16 Sponsored Teams worldwide.</li></ul>	

## PUBLICATIONS

- 
- Nishtha Madaan, Sameep Mehta, **Shravika Mittal**, Ashima Suvarna. Judging a Book by its Description : Analyzing Gender Stereotypes in the Man Bookers Prize Winning Fiction [arXiv:1807.10615](#) [\[cs.CL\]](#)

## SOCIAL IMPACT + MENTORING

---

<b>Teaching Assistant - Semantic Web, <a href="#">IIIT-Delhi</a></b>	<b>Jan 2020 - Present</b>
<ul style="list-style-type: none"><li>• Mentoring 110 students   Graduate level course   Preparing quizzes and assignments.</li></ul>	
<b>Teaching Assistant - Foundations of Finance, <a href="#">IIIT-Delhi</a></b>	<b>Aug 2019 - Nov 2019</b>
<ul style="list-style-type: none"><li>• Mentored 100 students   Conducting quizzes and tutorials.</li></ul>	
<b>Teaching Assistant - Graph Theory, <a href="#">IIIT-Delhi</a></b>	<b>Jan 2019 - Apr 2019</b>
<ul style="list-style-type: none"><li>• Mentored 104 students   Conducted 11+ tutorials and 5+ doubt sessions.</li></ul>	
<b>Coach, <a href="#">Rails Girls Summer of Code</a></b>	<b>Jul 2018 - Sep 2018</b>

- Mentored [Team Delsquared](#) | Worked on Tessel.

**Mentor, Government Girls Secondary School, New Delhi** May 2018

- Counsellor 60 girls to take up Computer Science in high school.

**Community Work Volunteer, Udaan (NGO)** May 2017

- Taught basics of Computer Science to 15 students with special needs.
- Made Android Application - FUEL which won best in Codesprint by Google.

## TALKS DELIVERED

- |   |      |
|---|------|
| • Introductory session on Rails Girls Summer of Code   Byld, IIIT-Delhi | 2018 |
| • Tutorial on Open CV   Women Who Code, Delhi                           | 2017 |
| • Tutorial on Tessel   Women Who Code, Delhi                            | 2017 |

## CODING COMPETITIONS

- |   |      |
|---|------|
| • Code Jam to I/O   Rank - 280                        | 2019 |
| • Code Jam to I/O   Rank - 296                        | 2018 |
| • Codechef Long Challenges   User-handle - shravika27 | 2017 |

## PROJECTS

- |  |                            |
|--|----------------------------|
| <b>ViDraw</b>  | <b>Aug 2019 - Nov 2019</b> |
| Android Application on Real Time Video Augmentation                                  |                            |
| <b>Household Poverty Level Prediction</b>  | <b>Jan 2019 - Dec 2019</b> |
| Kaggle Competition   Statistical Machine Learning course project                     |                            |
| <b>Google Analytics Customer Revenue Prediction</b>                                  | <b>Aug 2018 - Nov 2018</b> |
| Kaggle Competition   Machine Learning course project.                                |                            |
| <b>Feature based online review summarization of e-commerce products</b>              | <b>Aug 2018 - Nov 2018</b> |
| Natural Language Processing course project.  |                            |
| <b>MedCare</b>   | <b>Feb 2018 - Apr 2018</b> |
| Portal based on Java and MySQL to manage database of Hospitals.                      |                            |
| <b>Moodify</b> <a href="#">[Link]</a>  | <b>Aug 2017</b>            |
| Android Application for a hackathon by Byld   Won the first prize.                   |                            |
| <b>iDabba</b> <a href="#">[Link]</a> <a href="#">[Poster]</a> <a href="#">[Blog]</a> | <b>Jan 2017 - Apr 2017</b> |
| Smart Container to update user about the ambient conditions and contents of it.      |                            |

## AWARDS AND ACHIEVEMENTS

- |  |      |
|--|------|
| Invited for the Republic Reception at the Lt. Governor's residence | 2020 |
| Awarded Dean's List of Academic Awards                             | 2019 |
| Won Google WTM Scholarship for APAC region                         | 2019 |
| Awarded Dean's List of Academic Awards                             | 2018 |
| Awarded Dean's List for Innovation in Research and Development     | 2017 |
| Awarded Dean's List of Academic Awards                             | 2017 |
| JEE Mains, All India Rank - 3087                                   | 2016 |
| DELFI A1 - Diploma in French, Percentage - 96%                     | 2014 |
| NTSE, Reached Stage 2, Top 572 students among 2.5 lakh             | 2011 |

## EXTRA CURRICULAR

- |   |             |
|---|-------------|
| <b>Participant, RIISE</b>   Presented undergraduate thesis at Research Showcase, IIIT-Delhi | <b>2020</b> |
| <b>Volunteer, ACSS</b>   Workshop on AI for Computational Social Systems                    | <b>2019</b> |
| <b>Member, Women in Tech</b>   Club initiated by past WTM scholars at IIIT-Delhi            | <b>2018</b> |
| <b>Event Head, Darwin Games</b>   IIIT-Delhi's Tech festival - Esys                         | <b>2017</b> |
| <b>Member, Byld</b>   IIIT-Delhi's Software Development Club                                | <b>2017</b> |
| <b>Founding Member, Women Who Code Delhi</b>  | <b>2016</b> |
| <b>Member, Audiobytes</b>   IIIT-Delhi's Music Club   | <b>2016</b> |
| Attained Visharad degree in Indian Vocal and Instrumental from Prayag University            | <b>2015</b> |