

Akshit Arora

FINAL YEAR · B.E. COMPUTER SCIENCE AND ENGINEERING

Thapar University, Patiala, India

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Education

Thapar University

Patiala, India

B.E. IN COMPUTER SCIENCE AND ENGINEERING | CUMULATIVE GPA: 8.3 / 10, MAJOR GPA: 9.7 / 10

Jul 2013 - Jul 2017 (Expected)

- Relevant Courses: Analysis and Design of Algorithms, Advanced Data Structures, Database Management Systems, Software Engineering, Data Mining and Warehousing, Object Oriented Programming, Theory of Computation
- Online Courses (Coursera): Machine Learning (Stanford University), Natural Language Processing

Swami Sant Dass Public School (C.B.S.E.)

Jalandhar, India

IX - XII | X (2011): 9.4 / 10, XII (2013): 92.8%

Mar 2009 - Apr 2013

Experience and Projects

Data Analytics and Intelligence Research Group, Indian Institute of Technology (I.I.T.) Delhi

New Delhi, India

RESEARCH INTERN | PROJECT GITHUB LINK: [HTTPS://GITHUB.COM/AKSHITARORA/POLITICIAN_IE](https://github.com/AKSHITARORA/POLITICIAN_IE)

May 2016 - Present

- Working under Dr. Maya Ramanath (Asst. Professor, IIT Delhi) on opinion mining using Python.

Applied Cognitive Science Lab, Indian Institute of Technology (I.I.T.) Mandi

Mandi, India

RESEARCH INTERN | PROJECT LINK: [HTTP://PRATIK.ACSLAB.ORG](http://pratik.acslab.org)

Jun 2015 - Present

- Developed a web-based research tool, Interactive Landslide Simulator (I.L.S.), to balance public risk perceptions and how people at risk could adapt, to and mitigate the landslides in their neighbourhood. Working under the guidance of Dr. Varun Dutt (Asst. Professor, I.I.T. Mandi) and Pratik Chaturvedi (Scientist 'D' at Defence Terrain Research Laboratory (DTRL), Defence Research and Development Organization (DRDO), New Delhi
- Writing a journal paper. Paper selected for oral presentation at:

7th International Conference on Applied Human Factors and Ergonomics (Orlando, Florida, USA)

Jul 2016

9th International Geographical Union Conference (New Delhi, India)

Mar 2016

25th Convention of National Academy of Psychology 2015-16 (Allahabad, India)

Feb 2016

Department of Computer Science and Engineering, Thapar University

Patiala, India

PROJECT ASSISTANT | PROJECT TEMPORARY LINK: [HTTP://ONLINEHOSTEL.J.IN/PHD](http://onlinehostel.j.in/phd)

Aug 2015 - Dec 2015

- Developed an online portal for maintaining Ph.D. student records and management of URB meetings. Project about to be used live for upcoming Ph.D. students at the department. Worked under the guidance of Dr. Parteek Bhatia (Associate Professor at C.S.E.D., Thapar University)

Extracurricular Activity

Forum for Leadership and Sustainability (social-startup at Thapar University)

Patiala, India

VICE-PRESIDENT

Sep 2013 - Jan 2016

- Raised issues related to environment and the role students can play in building up sustainable models for future. Created awareness among younger communities about leadership qualities and sustainability concept.
- Proposed various eco-friendly projects being undertaken at university level.

Academic Achievements

Full Paper Published in Springer, Paper title: 'Interactive Landslide Simulator: A Tool For

Jul 2016 Landslide Risk and Damage Assessment'. Published in Applied Human Factors and Ergonomics (AHFE) 2016 Conference Proceedings Edited Springer Books

Florida, USA

Jul 2016 **Gave 3 Oral Presentations at a tier-1 International Conference**, AHFE 2016 in Orlando.

Florida, USA

Feb 2016 **Presented Research Work**, 25th Convention of National Academy of Psychology 2015-16

Allahabad, India

Nov 2015 **3rd Place**, National Level Capture The Flag Competition

Patiala, India