

Akshit Arora

FINAL YEAR · B.E. COMPUTER ENGINEERING

Thapar University, Patiala, India

☎ (+91) 76960 61995 | ✉ akshit.arora1995@gmail.com | 🏠 akshitarora.github.io/home/ | 📷 akshitarora | 🌐 akshitarora1995

Education

Thapar University

Patiala, India

B.E. IN COMPUTER ENGINEERING | CUMULATIVE GPA: 8.28 / 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, Artificial Intelligence
- Research Focus: Machine Learning, Natural Language Processing, Cognitive Science, Statistics, Artificial Intelligence

Swami Sant Dass Public School (CBSE)

Jalandhar, India

A.I.S.S.C.E. (XII, 2013): 92.8%, A.I.S.S.E. (X, 2011): 9.4 / 10 CGPA

Mar 2009 - Apr 2013

Internships and Projects

Data Analytics and Intelligence Research Group, Indian Institute of Technology (IIT) Delhi

New Delhi, India

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

May 2016 - Jun 2016

- Developed heuristics to determine whether a politician supports / opposes a public policy by analyzing their tweets using Python.
- Worked under Dr. Maya Ramanath (Asst. Professor, IIT Delhi). Python packages used: Scrapy, BeautifulSoup, JSON, NLTK, Twitter API, Requests. Researched on various approaches in Natural Language Processing to detect opinion.

Applied Cognitive Science Lab, Indian Institute of Technology (IIT) Mandi

Mandi, India

RESEARCH INTERN | 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 Working under the guidance of Dr. Varun Dutt (Asst. Professor, IIT Mandi) and Pratik Chaturvedi (Scientist 'D' at DTRL, Defence Research and Development Organization (DRDO). Languages used: PHP, MySQL, Twitter Bootstrap.
- Currently running experiments and writing a journal paper. Paper selected for oral presentation at:

7th International Conference on Applied Human Factors and Ergonomics (AHFE) 2016 (Orlando, USA)

Jul 2016

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

Mar 2016

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

Feb 2016

Computer Science and Engineering Department (CSED), Thapar University

Patiala, India

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

Aug 2015 - Dec 2015

- Developed a portal for maintaining Ph.D. student records and management of URB meetings. Used PHP, MySQL and Twitter Bootstrap.
- Worked under the guidance of Dr. Parteek Bhatia (Associate Professor at CSED, Thapar University).

Additional Skills, Programming: C, C++, Python, MATLAB, HTML, CSS, JavaScript, MySQL, \LaTeX | Frameworks / Packages: Twitter Bootstrap, CodeIgniter, Django, Impress JS, Twitter API | Tools: GitHub, Palisade Decision Tools, Weka, MS Excel, Adobe Photoshop | OS: Ubuntu, Windows

Extra-curricular Activities

Awarded Certificate of Appreciation, from Computer Science and Engineering Department at Thapar University for Ph.D. portal project

Co-Convener at International Forum for Leadership and Sustainability (social-startup) for 2 years (2013-15), Successfully organized awareness campaigns and creativity competitions for underprivileged students

Won 8,000 INR at 'Capture The Flag', Cyber Security competition among 15+ colleges from India organized by TU in 2015

Attended International Workshop on Machine Learning Algorithms and Data Analytics, organized by IEEE at TU in 2014

Design Team Member, designed posters, flex and artworks for Aranya 2014 (techno-cultural festival at TU)

Active photographer and blogger, Love music and traveling. 500px.com/akshitarora and aarora.tumblr.com

NASA CloudSat member, Collecting ground data (cloud observations) for NASA's CloudSat mission at school.

Academic Achievements

Jul 2016 **Full Paper Published in Springer**, 'Interactive Landslide Simulator: A Tool For Landslide Risk and Damage Assessment' - AHFE 2016 Conference Proceedings Edited Springer Books. [link](#)

Florida, USA

Jul 2016 **Gave 3 Oral Presentations at an international conference**, AHFE 2016 in Orlando.

Florida, USA

May 2016 **Awarded Funding by Thapar University and IIT Mandi**, For attending AHFE 2016

Patiala, India

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

Allahabad, India