

## ADWAY S. WADEKAR

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### Education:

**Duke University**, Durham, N.C. (2021-2025)

Prospective A.B. in Economics and Statistical Science.

Minor in Sociology.

*Relevant Coursework:* MATH 230 (Probability); SOCIOL 490S (Research Seminar: Social Media and Political Polarization); SCISOC 199FS (Science, Law, and Policy); SCISOC 197FS (Our Relationships with Technology).

*Activities & Societies:* Brief Writing Team, Duke University Moot Court; DukeEngage Gateway; Community Representative, Trinity House Council; Hindu Students Association.

### Selected Experience:

*Teaching Assistant*, The Fuqua School of Business, Duke University (September 2021 – Present)

- Undergraduate teaching assistant for DECISION 618: Data Analytics for Business, taught every Fall Semester I to MBA and MQM students.
- Assisted students in using the R Programming language to analyze both quantitative and qualitative data.
- Course material includes various topics in decision and social sciences. These include health risk prediction, social media analysis, and text mining, among others.

*Research Technician*, Human Rights Institute, University of Connecticut (May 2021 – Present)

- Conducted social network mining and analysis to model and understand attacks on human rights defenders in Colombia, Guatemala, and Serbia.
- Pulled, cleaned, and labeled messages from Twitter and other platforms. Analyzed them via computational techniques.

*Staff Reporter*, The Chronicle (October 2021 – Present)

- Pitch and write university news stories about administrative actions and policies and their impact on students.
- Wrote sports stories for a brief time (before getting hired with Duke Basketball).

*Data Analyst*, Duke Men's Basketball (September 2021 – Present)

- Analyze social media data from Duke Men's Basketball and other NCAA Division I programs. These analytics are used in presentations to recruits.
- Conduct recruit analysis and research projects.

### Selected Publications and Working Papers:

1. **A.S. Wadekar**, "A Psychosocial Approach to Predicting Substance Use Disorder (SUD) Among Adolescents", Full-length Research Article, *Proceedings of the IEEE/ACM International Conference on Social Networks Analysis and Mining*, The Hague, Netherlands, December 2020.
2. **A.S. Wadekar**, "Understanding Opioid Use Disorder using Tree-based Classifiers", Full-length Research Article, *Drug and Alcohol Dependence*. (Impact factor 3.951), vol. 208, March 2020.
3. **A.S. Wadekar**, "Grade-level participation in the AP curriculum", Full-length Research Article, *Proceedings of the IEEE Integrated STEM Education Conference*, Princeton, NJ, 2018.

\* Referee service: Journal of the American Medical Informatics Association; Substance Abuse Treatment, Prevention, and Policy.

### Selected Honors and Awards:

1. Regeneron Science Talent Search: Scholar Award (2021).
2. New England High School Journalism Collaborative: Summer Workshop Finalist (2020).
3. Advanced Placement Scholar Awards: National AP Scholar (2020); AP Scholar with Honor (2019).
4. Intel International Science and Engineering Fair: Cert. of Honorable Mention, American Statistical Assn. (2019).
5. Junior Science and Humanities Symposium: National Finalist (2019); S. New England Region First Place (2019).
6. Community Youth Excellence Award (2 students chosen of ~75), India Association of Greater Boston (2020).

### Technical Skills:

R, Python, LaTeX.