ADWAY S. WADEKAR

e: adway@adway.io

p: 508-335-9508

Last Updated: 01.18.2021

Education

Saint John's High School, *Class of 2021*
- *Advanced Placement*: Microeconomics (Self Study), Statistics (Self Study), Macroeconomics (Self Study), Psychology (Self-Study), European History, BC Calculus, English Language and Composition, Physics 1, US History – 5; French Language and Culture – 4; Current Courses: English Literature and Composition, US Government and Politics (Self Study), Comparative Government and Politics, Physics C: Mechanics (Self Study), Art History, Chemistry
- *Standardized Tests*: PSAT (1470/1520) / SAT (1550/1600, 780/800 Math, 770/800 EBRW) / Math II Subject Test (780/800)

Honors and Awards

1. Regeneron Science Talent Search: Top 300 Scholar (2021)
2. Advanced Placement Scholar Awards: National AP Scholar (2020); AP Scholar with Honor (2019)
3. Intel International Science and Engineering Fair: Certificate of Honorable Mention (Top 10 Statistics Projects Worldwide), American Statistical Association (2019)
4. Massachusetts State Science and Engineering Fair: First Award (2019); Third Award (2018)
5. Junior Science and Humanities Symposium: National Finalist (2019); S. New England Region First Place (2019)
6. Worcester Regional Science and Engineering Fair: Second Award (2019); Third Award (2018); Naval Science Award (2019)
7. Community Youth Excellence Award (2 students chosen of ~75), India Association of Greater Boston (2020)

Selected Publications and Working Papers

1. A.S. Wadekar and B.K. Madras, "Association of Perceived Parental Attitudes Towards Substance Use and Offspring Use of Tobacco, Alcohol, Marijuana and Other Drugs", *Working Paper*
2. A.S. Wadekar, "A Psychosocial Approach to Understanding Substance Use Disorders Among Adolescents", Full-length Research Article, *Proceedings of the IEEE/ACM International Conference on Social Networks Analysis and Mining,* The Hague, Netherlands, December 2020
3. 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
4. A.S. Wadekar, "Predicting Opioid Use Disorder Using a Random Forest", Short Communication, *Proceedings of the IEEE Computer Society Signature Conference on Computers, Software and Applications*, Milwaukee, WI, July 2019 (40% accept rate)
5. 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

Experience

President, Saint John's High School Mock Trial Team (Oct 2018 - Present)
- Organize the effort of a team of 25+ students as we study cases together, search for the relevant case law, and prepare cogent arguments that favorably defend the characters assigned to us.
- Train newer members in rules of evidence, argumentation, and adapting arguments spontaneously.

Student Journalist, New England High School Journalism Collaborative Summer Workshop (Summer 2020)
- Accepted into a selective (~15% accept rate), one-week program in which students put together an issue of a newspaper.
- Wrote two news articles: one about the First Amendment and the other about educational disparities, both in the context of COVID-19. Also chosen by my peers to co-write the editorial piece.

Photographer in Residence, Town of Westborough (July 2019 – Present)
- This position was established to advance Westborough's long tradition of preserving its history through photographs.
- My artistic vision, which informs my photography, is to explore Westborough through the eyes of young children (adapted due to COVID-19).

Writer and Photographer, The Community Advocate Newspaper (April 2018 - Present)
- Curate local events and happenings and pitch story ideas directly to the managing editor.
- Attend events in person; conduct in-depth reporting incorporating interviews from multiple sources.
- Wrote feature stories about local happenings and people in the Central MA region.