

Education

Saint John's High School, *Class of 2021*

- Advanced Placement: Microeconomics (5/Self Study), Statistics (4/Self Study), Macroeconomics (5/Self Study), European History (5), BC Calculus, French Language and Culture, English Language and Composition, Physics 1, US History
- PSAT (1460/1520, 99th percentile) / SAT (1520/1600, 760/800 Math, 760/800 EBRW, 99th percentile)

Honors and Awards

Advanced Placement Scholar with Honor (Sophomore) – 2019

- Approximately 30 students earn the honor of AP Scholar with Honor as a sophomore in Massachusetts.

Intel International Science and Engineering Fair:

- Certificate of Honorable Mention, American Statistical Association - 2019

Southern New England Delegate (Finalist), National Junior Science and Humanities Symposium – 2019

Southern New England Junior Science and Humanities Symposium:

- First Place, Poster Presentation – 2019

Worcester Regional Science and Engineering Fair:

- Second Award, High School Division (Top 4 Overall) – 2019
- Naval Science Award, High School Division – 2019
- Third Award, High School Division – 2018

Massachusetts State Science and Engineering Fair:

- First Award, High School Division - 2019
- Third Award, High School Division – 2018

Semifinalist, Broadcom MASTERS, Society for Science and the Public – 2017

Publications

IEEE Computer Software and Applications Conference (Milwaukee, WI):

- Predicting Opioid Use Disorder Using a Random Forest, Fast Abstract (2-page paper, 40% acceptance rate), 2019

IEEE Integrated STEM Education Conference (Princeton, NJ):

- Grade Level Participation in the Advanced Placement Curriculum (2018) - Fully Refereed Paper

Experience

Photographer in Residence, Town of Westborough (July 1, 2019 – June 30, 2020)

- *Celebrate and preserve the history of the Town of Westborough through photographs of citizens, landmarks, and events in the Town.*

Intern, Town of Westborough Economic Development Committee (July 2018 - Present)

- *Propose and assist in maintaining data management solutions.*

Contributing Writer and Photographer, The Community Advocate Newspaper (April 2018 - Present)

- *Write informative articles, supplemented with pictures covering local events such as the Martin Luther King Jr. Community Celebration, Massachusetts Down Syndrome Congress' Buddy Walk and Harvest Fair.*

Volunteer Photographer, New England Maharashtra Mandal (January 2019 – Present)

- Take photographs at NEMM events; there are about 5 events per year.

Activities

Member, Saint John's High School Mock Trial Team (2018 - Present)

- *Prepare and present arguments on hypothetical criminal and civil cases, simulating the proceedings in a real-world courtroom.*

Member, Saint John's High School French Club (2018 – Present)

- *Celebrate French culture through events and programs held at Saint John's High School.*

Member, Saint John's High School Model United Nations (2019 - Present)

- *Debate various topics and write resolutions with fellow delegates at simulations of United Nations committee meetings.*

Founder and President, Saint John's High School Research Club (2019 - Present)

- *Guide fellow Saint John's students in the process of conducting a scientific research project.*

Misc.

Proficient in SurveyMonkey, Google Forms, R, Python and Excel for Quantitative Data Analysis