

## Education

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

- Advanced Placement: Microeconomics (5/Self Study), Statistics, Macroeconomics, European History
- PSAT -- (1460/1520, 99<sup>th</sup> percentile)

## Honors and Awards

Commonwealth of Massachusetts Delegate (Finalist), International Science and Engineering Fair – 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
- First Award, Middle School Division – 2017
- Grand Prize, Middle School Division – 2016

Massachusetts State Science and Engineering Fair:

- First Award, High School Division - 2019
- Third Award, High School Division – 2018
- Third Award, Middle School Division – 2017
- Second Award, Middle School Division – 2016

Broadcom MASTERS, Top 300 Masters, Society for Science and the Public – 2017

President's Award for Educational Excellence, Sarah W. Gibbons Middle School – 2017

Second Prize, State of Nebraska 529 Essay Writing Competition, "Why I Want to Go to College?" – 2016

## Publications

IEEE COMPSAC:

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

IEEE Integrated STEM Education Conference (Princeton, NJ):

- Grade Level Participation in the Advanced Placement Curriculum (2018) - Fully Refereed Paper
- Common Core: Challenges and Opportunities to Incorporate Nonfiction into K-12 Curriculum (2017) K-12 Poster

## Experience

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

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

*Contributing Writer and Photographer*, The Community Advocate Newspaper (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.*

## 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.*

*Writer*, Saint John's High School Red and White Newspaper (2018 - Present)

- *Write articles and "blogs" of happenings at Saint John's High School.*

*Member*, Saint John's High School Be Like Brit Club (2018 - Present)

- *Organize drives and collect funds to support the 66 boys and girls at Brit's home in Haiti.*

## Skills

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

HTML, CSS, JavaScript, Node.js, MongoDB, React/Redux, Python, PHP, and SQL for Web Development.

Photography and working knowledge of Adobe Lightroom/Bridge/Photoshop Creative Cloud

Languages - English, French (Intermediate), Marathi (Spoken)