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## EDUCATION

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

- Advanced Placement: Microeconomics (**5/Self Study**), Statistics (**Self Study**), Macroeconomics (**Self Study**), European History

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## HONORS AND AWARDS

Massachusetts State Science and Engineering Fair:

- Third Place (High School Division, May 2018)
- Third Place (Middle School Division, June 2017)
- Second Place (Middle School Division, June 2016)

Worcester Regional Science and Engineering Fair:

- Third Place (High School Division, March 2018)
- First Place (Middle School Division, May 2017)
- Grand Prize (Middle School Division, May 2016)

Grand Honors (Johns Hopkins Center for Talented Youth, June 2018)

Broadcom MASTERS, Top 300 Masters (Society for Science and the Public, Sept. 2017)

President's Award for Educational Excellence (Sarah W. Gibbons Middle School, June 2017)

First Place, Team Captain (National Economics Challenge - Milton Friedman Division, May 2017)

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

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## PUBLICATIONS

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

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## ACTIVITIES

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

- *Work on various projects in public policy and data analysis.*

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

- *Write informative articles covering local events. Recent articles include coverage of the Westborough Community Land Trust's Earth Day, and Westborough High School's winners at the Congressional Art Competition.*

*Member*, Saint John's High School Engineering Club (2018 - Present)

- *Participate in projects that directly benefit the Saint John's High School community. Recent projects include building an irrigation system.*

*Peer Tutor*, Saint John's High School Peer Tutoring (2018 - Present)

- *Assist fellow students with their homework, during school resource periods on a weekly basis.*
- *Subject concentrations are mathematics and social studies.*

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

- *Participate in the celebration of French culture and cuisine, and tutor in the classrooms.*

*Member*, Saint John's High School Pen and Ink Society (2018 - Present)

- *Participate in writing creative stories, and work*

*Member*, Saint John's High School Project Purple

- *Work in a student-led group to bring awareness to the dangers of substance abuse to the Saint John's Community.*

*Member*, Saint John's High School Photography Club (2018 - Present)

- *Establish and learn different artistic techniques by using different shutter speeds, ISO speeds, focal lengths, and aperture settings.*

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## SKILLS

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 (Elementary), Marathi (Spoken)

Survey Tools: SurveyMonkey, Google Forms

Version Control: Git