

Jonathan L. Fascetti

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Portfolio: jonathanfascetti.github.io

Education

Washington University in St. Louis, Bachelor of Science in Biomedical Engineering

- Expected Graduation: May 2025; GPA: 3.95, Dean's List Fall 2021

Beaver Country Day School, Chestnut Hill, MA. Class of 2021

- GPA 4.1 (W); Honor Roll (9); High Honor Roll (10, 11, 12)
- Arabic Modern Language Award (11), Science, Math, and Athletic Departmental Awards (12)

Leadership and Teambuilding Experience

Cross Country Team Captain (11, 12)

- Ran as a 4 year varsity teammate; league All-Star qualifier; MVP award (3rd & 4th years)
- Led practices, organized events, and conducted remote and in-person team activities

High School Yearbook Editor (10, 11, 12)

- Led production of 215 page yearbook with 15 team members
- Managed frequent deadlines
- Designed pages with graphic elements

RoboSub Robotics Team (10, 11, 12)

- Helped design, program, and build an autonomous underwater vehicle (AUV) to compete in an international collegiate competition

Technical Skills

Software (MATLAB, Python, HTML web design, LaTeX, CAD) through clubs, classes, and personal projects in high school and college

- Modeled the relationship between pressure and volume in beating heart
- Localized mutations in DNA sequences using alignment methods
- Used image processing and manipulation techniques from video to identify and determine the location of objects

Communication

- Near fluent in Spanish
- Adapted from in-person practices to a remote setting in leadership roles

Employment History

BioBuilder, educational foundation affiliated with MIT (Contractor), 2020

- Created synopses of interviews for web publication
- Reviewed technical conversations with scientists
- Refined content of transcripts
- Engaged with a professional team

FullerCup, locally owned café (Cook), 2021

- Managed three-person kitchen to effectively prepare meals to order
- Dining room and kitchen cleaning
- Communicated with fellow staff members to create a friendly working environment

References available upon request