

# **Jonathan L. Fascetti**

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## **Education**

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

- Expected Graduation: May 2025; GPA: 3.95

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 (3<sup>rd</sup> & 4<sup>th</sup> 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*