

# Ysabella Vargas

(978)-382-1870 | [ysbellavargas05@gmail.com](mailto:ysbellavargas05@gmail.com) | [www.linkedin.com/in/ysbellavargas05](http://www.linkedin.com/in/ysbellavargas05)

## EDUCATION

### Tufts University

*Bachelor of Arts and Science in Computer Science and Biology*, GPA: 3.47

Boston, MA

Expected May 2027

**Relevant Coursework:** Data Structures, Discrete Mathematics, Assembly Language Programming, Game Design

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, HTML, C++, C

**Software:** Git, Data Analysis, Experiment Design, UI/UX Design

## WORK EXPERIENCE

### Tufts University

Game Design Teaching Assistant

Medford, MA

Jan 2025 – Present

- Assist students with game design principles, debugging, and programming using Unity and C#
- Provide feedback on game prototypes, ensuring playability and engagement.
- Conduct review sessions and help with grading assignments.

### Tufts University

Access for Computing Equity (ACE++) Scholar

Medford, MA

May 2024 – Aug 2024

- Pioneered a project modeling the prediction of the current exchange rate between USD and BRL utilizing Bayesian statistics and probabilistic modeling.
- Cultivated a strong understanding of data structures, algorithms, and discrete math, honing foundational programming skills through programming projects and exams.
- Connected with professionals across diverse technology and research fields, gaining insights into industry practices and trends.

### Phillips Academy Andover

Andover, MA

Summer Session Intern

Jun 2023 – Aug 2023

- Served as a problem solver and support resource, assisting teachers, staff, and students with various scheduling conflicts, inventory management, and technical troubleshooting.
- Coached soccer and coordinated extracurricular activities, fostering student engagement and teamwork through challenging drills and fun games.
- Managed morning class attendance by communicating with teachers across campus, ensuring all students were accounted for, and enhancing campus safety.

### Transmedics Inc

Andover, MA

IT Intern

Jun 2022 – Aug 2022

- Managed technology transfers and personalized IT account setups for onboarding and offboarding employees.
- Provided technical support across various departments through a ticketing system, efficiently handling multiple issues.
- Collaborated with the IT team to ensure seamless setup and cleanup of technology for important company presentations and meetings, guaranteeing that all necessary equipment was prepared and functional.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### Management Leadership for Tomorrow

Remote

Career Prep Fellow

Jan 2025 – Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent.
- Complete business case studies and assignments to grow leadership and technical skills.
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target.

### Tufts University's Spirit of the Creative

Medford, MA

Choreographer and PR Team

Sep 2023 – Present

- Choreograph and teach dance pieces while leading rehearsals for semesterly performances.
- Manage social media presence, marketing events, and promotional campaigns.
- Collaborate with leadership teams to enhance team branding and visibility.

## ADDITIONAL SKILLS AND INTERESTS

Fluent in Spanish (ILR Level 3), Project Management & Leadership, Passion for Healthcare Accessibility, Dance, and Community Engagement