

Ysabella Vargas

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EDUCATION

Tufts University

Boston, MA

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

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

Medford, MA

Game Design Teaching Assistant

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

Medford, MA

Access for Computing Equity (ACE++) Scholar

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