Arianna A. Fernandez

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EDUCATION:

University of Massachusetts Boston. Exp graduation date: May 2028.
Major: Computer Science **Minor:** Economics
Cumulative GPA: 4.0/4.0

HONORS: National Honor Society Alpha Lamba Delta

RELEVANT ADDITIONAL COURSEWORK: Meta Front-end developer: HTML, Advanced React, CSS, UX-UI design.

Programming Languages: Python, Java, C, C++, HTML,CSS
SKILLS: Creativity, Time Management, Teamwork, Critical thinking.
LANGUAGES: Fluent in Spanish/English and Italian Basics

TECH-EXPERIENCE:

WORLD ROBOT OLYMPIADS (FUTURE INNOVATORS)- team captain(2023-2024)
• Developed a portable prototype (in Arduino) capable of measuring weather conditions and alerting of possible dangers + developed its canvas economic model
• Product is being used as the base for another prototype that utilizes Al to analyze a series of collected data
• Highest National (Venezuelan) Score, Highest Latin American Score, 2nd in America and 11th Internationally

RESEARCH PROJECT: **PRESENTED AT IEEE ETHICS 2025 at Northwestern University**
CTRL + Empower: Lived Experiences of Black Women and Latinas in Computer Science at an Urban Public University*- Co-author (2024-2025)*
• Practiced thematic analysis, data analysis, qualitative vs quantitative study, and paper formatting
• Due to the study, we are currently developing a research hub to offer participants educational/ learning opportunities.

PAUL ENGLISH APPLIED AI INSTITUTE HACKATHON- Team leader (2024)
• Won OUTSTANDING INITIATIVE AWARD
• Developed a medical assistance Al tool that automatically detects diseases based on symptoms and offers a step-by-step action plan.
• I developed a conceptual working demo and slide presentation proposal; check them here.

CIVIC HACKS- (HACKATHON AT BU)-(2025)
•Developed a web extension capable of helping neurodivergent students
•Utilized AI to adapt the space to students' necessities and learning approaches based on conditions, strengths, and weaknesses.

WORK EXPERIENCE

NISA COMMUNITY LEADER Part-time on-campus job (15h/week):
•Plan on-campus extracurricular activities (both educational workshops and recreational meetings): administer the budget, contact faculty, guide teams, and organize spaces.

•In charge of organizing the University's annual POWWOW

TUTORING(2022-Present)
•Given to classmates and high school students (individually, in groups, or online)
 • STEM-based subjects such as Physics, Math, and Science (Natural Sciences and Biology)

LEADERSHIP/ COMMUNITY IMPACT ACTIVITIES:
HARVARD MODEL UNITED NATIONS(2022-2024) Head Delegate (Team Captain)/Faculty Advisor:
•Won BEST DELEGATE at the 2024 conference on the Special Summit on Climate Change.
•Trained a team and myself in public speaking, debate, and negotiation skills over nine months.
•Practiced research, writing, problem-solving, and crisis-adaptation.

LEADERSHIP FOUNDATION CLUB 2025 (Currently)
•Developing social projects that help the community
•In charge of online space creation, web design, and marketing.
• Participated in multiple volunteering activities to support the organization

STUDENT COUNCIL VICE PRESIDENT (2023-2024)
•Founded the first series of STEM clubs in the school
•Directed Non-Profit organizations and organized activities to offer education and sports-related opportunities to low-income students in Venezuela.
•Organized partnerships with external organizations to increase opportunities for students.

ENTREPRENEURSHIP
INSPIRATIONAL ENTREPRENEUR LEADERS CONFERENCE (2024) Hosted by EY
•Presented at the conference as a result of winning the best delegate at Harvard Model UN
•Took some courses in business development and investments as merit awards.