

Edwin M. Vázquez Vega

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EDUCATION Inter-American University of Puerto Rico – Bayamón Campus

AUG 2022 – DEC 2027

Bachelor's in Science in Computer Science
Minor: Computer Technology and Networks
Graduation date: December 2026
GPA: 3.66

SKILLS

Technical Skills: *C++, Python, C#, Kotlin, HTML, CSS, JavaScript, MySQL, React, Azure DevOps, EF, Pandas, Matplotlib and NumPy.*
Soft Skills: *Bilingual (English and Spanish), Teamwork, Problem Solving, Logical Thinking, Adaptability and Creativity.*

WORK EXPERIENCE

ICERM, Brown University - Research Intern

JUN 2025 – JULY 2025

- Develop a mathematical model to predict spoilage rate of food, inspired by the SIR model.
- Apply Random Forest Regression to model and predict spoilage rates.

Success Center IAUP, Bayamón Campus - Student Tutor

AUG 2023 – DEC 2024

- Demonstrated strong knowledge and proficiency in Fundamentals in Algebra and Intro Programming, enabling students to grasp difficult topics effectively.
- Assisted students in understanding core principles and problem-solving strategies, helping them improve their overall performance.

CEGsoft (Computer Expert Group) - Software Developer Intern

JUN 2024 – JUL 2024

- Developed an internal tool for customer support to manage clients in Zendesk, including features for activating/deactivating licenses or subscriptions.
- The tool drastically reduced the time to resolve customer issues, cutting down from 1 day to 2 hours, or 1 hour to just 30 minutes.
- Learned and applied new technologies such as React, .NET 8, Entity Framework Core, Azure DevOps, API development, and C#.
- Contributed to the project's completion in one month, ahead of the planned two-month schedule.

Master Workforce at IAUP, Bayamón Campus - Research Intern

JUN 2023 - AUG 2023

- Learned the fundamentals of Modeling and simulation for a Phishing Identification and Decision Support System.
- Played a pivotal role in front-end development by using HTML, CSS, and JavaScript to build an interactive and informative web application that trains employees in phishing attack prevention to enhance overall cybersecurity.

PROJECTS

InfoTech's Association Website

APR 2025 – MAY 2025

- Successfully developed the latest version of the Association website using modern technologies like React and Tailwind CSS.
- Additionally, implemented a streamlined Git and GitHub Actions pipeline to enable continuous integration and automated deployments.

AWARDS

- 1st Place, IHACK: Won first place in a 3-hour coding challenge against multiple Inter American University campuses.
- 1st Place, ISACA IT Bowl 2025: Analyzed cybersecurity case study and presented findings to judges within 90 minutes.
- 1st Place, UPRM Deconflicting in Space Challenge: Optimized scheduling for a 5-satellite constellation to reduce conflicts and prioritize critical tasks.