# Edwin M. Vázquez Vega

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#### **EDUCATION**

### Inter-American University of Puerto Rico - Bayamón Campus

August 2022 - 2026

Bachelor in Computer Science
Graduation date: December 2026

GPA: 3.63

#### **SKILLS**

**Technical Skills:** C++, Python, C#, Kotlin, HTML, CSS, JavaScript, MySQL, React, Azure DevOps and Entity Framework Core. **Soft Skills:** Teamwork, Problem Solving, Logical Thinking, Adaptability and Creativity.

**Certifications**: Foundational in C# with Microsoft, Introduction to SQL and Introduction to Data Science with Python.

Languages: English and Spanish

#### **WORK EXPERIENCE**

### **CEGsoft(Computer Expert Group)**

June 2024 - July 2024

Software Developer Intern

- 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, 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 Inter-American University of Puerto Rico – Bayamón Campus

June 2023 - August 2023

Research Intern

- Learned the fundamentals of Modeling and simulation for a Phishing Identification and Decision Support System.
- Played a pivotal role in the front-end development of a web application designed to train employees in phishing attack prevention and enhance overall cybersecurity.
- Proficiently used HTML, CSS, and JavaScript to create an interactive and informative user interface for the training platform.

## Success Center Inter-American University of Puerto Rico – Bayamón Campus

August 2023 - December 2024

Student Tutor

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

#### Competition

### Raytheon Competition Inter-American University of Puerto Rico – Bayamón Campus

August 2023 - April 2024

- Developed autonomous flight routines for drones using Dronekit, enhancing mission capabilities.
- Managed communication between ground control and drones with MAVproxy for seamless data exchange.
- Implemented MAVlink protocols for reliable communication and real-time telemetry monitoring.

## Second Place, UPR Bayamón Programming Competition

May 2024 - May 2024

- Secured second place by solving complex algorithmic challenges and demonstrating programming versatility.
- Collaborated with team members to develop innovative solutions and optimize performance under pressure.