

# Jessee Ruiz

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## EDUCATION

**Boston College**, *Morrissey College of Arts and Science, Chestnut Hill, MA*

Expected May 2025

• *B.A. in Computer Science, Minor in Mathematics*

• *Relevant Coursework:*

- **CSCI 2271 Computer Systems**; Explores machine-level programming, data representation, multi-threading, and their impact on system efficiency and security. Hands-on programming in C, with comparisons to Java.
- **ISYS 2160 Intro to IOS Development (Spring 2024)**; Teaches essential skills in Swift programming and iOS app development, including proficiency in Xcode and app creation for the iOS platform.
- **CSCI 3356 Software Engineering (Spring 2024)**; Provides students with essential software development skills, including requirements analysis, design, implementation, testing, and production release. Through hands-on projects using Django (Python) and Bootstrap CSS Framework, students build robust software solutions, establishing a strong foundation in modern software engineering practices.

## SKILLS

**Technologies:** Python, Java, React.js, Node.js, Object-Oriented Programming, HTML, CSS, JavaScript, C

**Certifications:** Full Stack Web Development (in progress)

**Languages:** English, Spanish

## PROJECT EXPERIENCE

**The Heights Boston College Newspaper**

Chestnut Hill, MA

Site Reliability Engineer & Website Developer

September 2023 - Present

- Collaborated with a team of 6 members to maintain site functionality, improve user experience, and implement innovative features and enhancements using CSS3 and HTML5, resulting in increased engagement from students, alumni, and surrounding communities.
- Beginning a new project developing a custom content management system for the school newspaper using React, enhancing the content creation process for editors.
- Developing and implementing a responsive web app using React to optimize content management, utilizing Redux for state management and integrating with a Node.js backend"

## WORK & LEADERSHIP EXPERIENCE

**MAS (Mexican Association of Students)**, *Treasurer, Executive Board*

September 2022 - Present

- Prepared cultural events to provide a sense of community and a learning experience for minority students in a predominantly white institution.
- Utilized turnout and success of events to engage administration for future increase of funding and event flexibility.
- Founded and managed a concessions program yielding **127%** extra revenue while concurrently guiding rookie members of the club to plan their own events using those additional funds leading to an enhanced understanding of club operations and overall cohesion.

**EMERGE FELLOWSHIP**, *College Transition Mentor*

June 2022 - May 2023

- Managed a group of 8 mentees across Boston College and Boston University guiding them through their first-year college transition by answering any questions and connecting them to appropriate campus resources seeing an average .38 improvement in GPA and campus engagement from one semester to the next.
- Conducted regular monthly meetings with mentees to assess and enhance their academic progress, college involvement, and success strategies ensuring accountability and facilitating their development.
- Prepared and submitted detailed progress reports to the organization providing regular updates on mentees' development and contributing to program improvement.

**Exxon Mobil, TAME (Texas Alliance for Minorities in Engineering)**, *Competitor*

March 2021

- Guided brainstorming sessions with a team of 4 students to generate ideas and procedures creating a better starting point for the project.
- Assessed the varying knowledge of team members and assigned tasks within their skill set for more fluid team movement, effectiveness, and efficiency.
- Assisted students of lower grade levels to better understand the project keeping in mind their knowledge of the subject matter allowing for an increased number of valued contributions.