Marlon O. Mendez-Yanez

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Junior Student seeking an internship in Software Engineering for the 2025 Summer

Education:	**Bachelor of Science, Software Engineering**	**May 2026**
	Rose-Hulman Institute of Technology, Terre Haute IN	**GPA 3.46**
	Minor in Spanish	

Related Courses:
- Data Structure & Algorithm Analysis
- Software Quality Assurance
- Object-Oriented Programming
- Database Systems
- Computer Systems Design
- Software Design

Skills:

Software: Java, C, , HTML, CSS, JavaScript, Assembly, SSH, SQL, Python
Systems: Linux
Languages: Fluent in Spanish

Projects:

FizzierFizz Database Project   Mar. 2024 – May 2024
- Utilized SQL Database to create a social media website
- Programmed frontend and backend with JavaScript and NodeJS
- Collaborated with 2 partners for 3 weeks

Betrayal at House on the Hill   Mar. 2024 – May 2024
- Developed Java program with Test Driven Development
- Ensured 100% Basis Path Coverage with PIT Mutation tests
- Collaborated with 2 partners for 7 weeks

Editor Trees Project   Nov. 2023 – Feb. 2024
- Programmed an AVL Tree Data Structure in Java
- Recognized the importance of efficient algorithms
- Collaborated with 1 partner for 4 weeks

Rose-Hulman Robotics Competition   Sept. 2022 – Nov. 2022
Programmer
- Programmed a small robot in Arduino/C++
  - To receive user input wirelessly via Bluetooth
  - To receive and send infrared signals
  - Operate autonomously
- Collaborated with a team of 4
- Presented results to a small audience

Internship:

Rose-Hulman Ventures   February 2025 – Present
Software Engineering Intern
- Programmed webpage and database for medical client
  - Used C# for backend development
  - Used SQL for database development
- Contributed to project through GitHub Project
- Collaborated with a team of 4

Leadership:

Pi Kappa Alpha, *President*	Feb. 2023 – Apr. 2023
Alpha Phi Omega, *Vice President of Service*	May 2023 – May 2024
RoseBUD, *Program Manager*	Aug. 2023 – May 2025
CSSE Department, *TA and Mentor*	Oct. 2023 – Present
Learning Center, *Tutor*	Apr. 2023 – Present