

# Gustavo Gamboa

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## SUMMARY

Results-driven Software Engineer with a strong leadership acumen and a proven track record of successfully completing production-level projects. Skilled in Java, PHP, and JavaScript with a passion for staying updated with the latest technologies such as CI/CD, AWS, NoSQL databases etc. Possesses exceptional problem-solving and analytical abilities, focusing on scalable and high-performance solutions. Demonstrates the ability to lead and collaborate effectively with peers, fostering a collaborative and productive work environment.

## EDUCATION

University of Miami, Coral Gables, FL  
**Bachelor of Science**  
Computer Science

December 2022

## EXPERIENCE

GPM Industrial, Miami, FL

January 2022 - August 2022

### **Software Developer Intern**

- Recruited for internship with industrial automation company to get hands on experience with Programmable Logic Controllers (PLC) building industrial grade automation plants using Studio 5000 software provided by Rockwell Automation.
- Participated in 5-day Rockwell Automation training for PLC programmers in Ladder logic, networking, security, IoT and others.

LP Realty Group, Miami, FL

December 2019 - March 2021

### **System Administrator/Web Developer**

- Recruited to oversee system administration for real estate brokerage firm while handling technical support deliverables included email management for realtors and troubleshooting system issues.
- Drove significant business improvements through the development of the business's landing page with HTML, CSS, and JavaScript while implementing contact forms with PHP and MySQL.

University of Miami IT, Coral Gables, FL

February 2019 - November 2019

### **Student Developer,**

- Handpicked into new role by the Head of IT due to the remarkable initiative displayed within the previous position.
- Demonstrated a strong ability to deliver results with little supervision while collaborating on complex tasks.
- Rewrote a self-developed queue management system in PHP to meet the production standards of the University, porting the application from a Python back-end to internal libraries and integrating it with MySQL.

### **Student Technology Help Desk | Technical Assistant,**

August 2018 - November 2019

- Solved a significant student appointment issue faced by the IT department through the development of a queue management system with Flask, MySQL, HTML, CSS, and JavaScript.
- Engineered a simple Android application with a WebView component for displaying the queue while implementing a feature allowed users to remove the next member in the queue.

## TECHNICAL SKILLS

Java | PHP | JavaScript | Python | C | C++ | Unix Based Systems | HTML | CSS | JavaScript | CI/CD | MySQL | Ladder | Machine Learning

## PROJECTS SNAPSHOT

- Soundsthetic Generator:** Front-end application developed using SvelteJS framework. The app calls Spotify REST API to authenticate and retrieve user data. Utilized Vercel and GitHub for Continuous Integration/Development.
- Queue Management System:** Queue management system for University of Miami students. Developed with Flask, Python, and MySQL. HTML, CSS, and JavaScript. Re-engineered for production-level deployment using PHP.
- 2D Platformer:** Android/WebGL game developed using C# with the Unity game engine.
- Hanoi Tower Algorithm:** User Interface for playing Hanoi towers game with Java JOptionPane library.

## LANGUAGES

- English (Fluent) / Spanish (Native)