



# Sara Carrasquillo

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## EDUCATION

**University:** Seminole State College of Florida

**Graduation Date:** Spring 2025

**Degree:** A.S. Degree Computer Programming and Analysis Major

**Seminole State GPA:** 3.8

**Certificates:** Computer Programming Specialist, Computer Programming, Information Technology Analysis, SQL and Data Analysis

**Educational Honors:** Summa Cum Laude & President's List

## EXPERIENCE

**Independent Content Creator, Self-Employed**

2018-2022

- Built and managed an online community of 4,000+ followers across Twitch, YouTube, and Discord, developing skills in multimedia production, community engagement, and team management.
- Designed, produced, and sold custom stream graphics and overlays to clients, managing all aspects of the creative process from concept through delivery.
- Administered and moderated a 1,000+ member Discord server: implemented automated tools for role assignment and antispam, and drafted user guides to streamline community support.

**Production Team Volunteer, Dream Team – Lakeside Church**

2023-2024

- Controlled live-streaming software to cue and synchronize worship services across campuses, ensuring seamless transitions between feeds.
- Calibrated and maintained professional cameras, adjusting color balance and exposure in real time to uphold broadcast-quality standards
- Collaborating with production leads I assisted with workflows and troubleshoot technical issues in a high-pressure, fast-paced, volunteer-run environment.

## PROJECTS

**MyGoalTrackingApp, Seminole State College**

08/2024- 12/2024

- A personal goal-tracking application using Java, Eclipse, and MySQL, integrating panels for goal and step management.
- Database CRUD functionality for goals, steps, categories, and progress, improving data organization and accessibility.
- Created custom JPanel front-end navigation for a seamless user experience and efficient goal management.

**MacWatch, personal project**

01/2024- 6/2025

- Developed a multi-page frontend UI to track macronutrients using HTML, CSS, Vite, and React in WebStorm.
- Implemented backend functionality with JavaScript and Supabase (PostgreSQL) RESTful API endpoints.

**HelloPyCharm, personal project**

03/2024- 05/2024

- Functional Python application for PyCharm that shows basic, intermediate, and expert micro-Python lessons.
- Focused on writing clean, well-documented code for maintainability, scalability, and easy-to-follow instruction.

**MyQRCodeGenerator, personal project**

01/2025- 02/2025

- A standalone QR code generator in Python with a simple interface supporting custom URLs, text, real-time previews, and error handling.
- Implemented local image saving and explored app distribution using PyInstaller for seamless desktop use.

## SKILLS

**Languages & Frameworks:**

Java · Python · JavaScript · C++ · C# · SQL · HTML · CSS · React · Vite · JavaFX · Tkinter · Supabase · Java Swing

**Databases & Tools:**

MySQL · SQLite · Oracle SQL · Git · VS Code · Eclipse · IntelliJ IDEA · PyCharm · WebStorm · Visual Studio

**Soft Skills:**

Communication · Team Collaboration · Problem Solving · Adaptability · Self-Motivation