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 **Cumulative GPA 3.5**

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

Educational Honors: Summa Cum Laude, President's List

PROJECTS

MyGoalTrackingApp, *Seminole State College*   *08/2024- 12/2024*

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

Student Information Website, *personal project*   *12/2024- 5/2025*

- A multi-page website for managing student information using WebStorm HTML, CSS, Vite, and React.
- Implemented backend functionality with TypeScript and SQLite, ensuring data security and integrity.

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.

HelloPyCharm, *personal project*   *03/2024/- 04/2024*

- 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.

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 and community engagement.
- 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 10,000+ member Discord server: implemented automated bots for role assignment and antispam, and drafted user guides to streamline community support.

Production Team Technician, *Dream Team – Lakeside Church*   *2023-2024*

- Operated multi-site live-streaming software to cue and synchronize worship services across multiple satellite campuses, ensuring seamless transitions between feeds.
- Calibrated and maintained professional cameras, adjusting color balance and exposure in real time to uphold broadcast-quality standards
- Collaborated with production leads optimizing workflows and troubleshoot technical issues in a high-pressure, volunteer-run environment.

SKILLS

Programming & Scripting: Java · Python · C# · C++ · HTML/CSS · JavaScript · SQL

Tools & Frameworks: Eclipse · IntelliJ IDEA · JavaFX · PyCharm · MySQL · SQLite · Oracle SQL · VS Code

Interpersonal & Leadership: Communication · Team Collaboration · Client Relations · Technical Training & Documentation · Problem Solving · Adaptability