

# Paola Dorado Galicia

+1 (305)-615-9346 | [pdora004@fiu.edu](mailto:pdora004@fiu.edu) | <https://linkedin.com/in/paoladoradogalicia> | <https://github.com/Paola-DG>

## SUMMARY

Junior student driven by **curiosity** and a **strong hunger to learn**, passionate about building **inclusive, real-world software** that blends **innovation with impact**, turning challenges into opportunities.

## EDUCATION

<b>Florida International University   Miami, FL</b> <i>Bachelor of Science in Computer Engineering</i>	Jan. 2024 - Dec. 2027 (Expected)
<ul style="list-style-type: none"><li>● <b>Cumulative GPA:</b> 3.8 / 4.0   <b>Dean's List:</b> 2024-Present</li><li>● <b>Relevant Coursework</b><ul style="list-style-type: none"><li>○ <i>C Programming for Embedded Systems</i></li><li>○ <i>C++ Programming for Embedded Systems</i></li><li>○ <i>Circuit Analysis</i></li><li>○ <i>Data Structures</i></li><li>○ <i>Programming for Embedded Systems</i></li></ul></li><li>● <b>Associations</b> <i>IEEE FIU, Panther Robotics, INIT FIU, WiCS FIU, Google Developer Student Club, AAVE</i></li></ul>	

<b>Instituto Tecnológico de Las Américas   SDQ, Dom. Rep.</b> <i>Certificate Program in Artificial Intelligence</i>	Jul. 2019 - Oct. 2019
--	-----------------------

## EXPERIENCE

<b>Florida International University   Miami, FL</b> <i>Learning Assistant - Mastery Math Lab</i>	Aug. 2025 - Dec. 2025
<ul style="list-style-type: none"><li>● Providing <b>tutoring and academic support</b> to 100+ undergraduate students in Math courses.</li><li>● Improving student performance by 52% through evidence-based teaching techniques.</li><li>● Assisting with planning, developing, and implementing <b>departmental projects</b> to improve student learning.</li><li>● Facilitating problem-solving workshops and presentations in collaboration with faculty.</li><li>● Applying <b>educational software tools</b> to enhance learning outcomes.</li></ul>	

## PROJECTS

<b>MicroBit Maqueen – Line Following &amp; Obstacle Avoidance Robot</b>   MicroBit, MakeCode, TypeScript	
<ul style="list-style-type: none"><li>● Collaborated in a team to develop an autonomous <b>line-following and obstacle-avoiding robot</b>.</li><li>● Implemented <b>motor control, ultrasonic sensing, and event-driven programming</b> for real-time navigation.</li></ul>	
<b>Temperature Monitoring and Feedback System</b>   Arduino, C++	
<ul style="list-style-type: none"><li>● Designed and programmed an Arduino-based <b>temperature monitoring system</b> using TMP36 sensor.</li><li>● Applied <b>analog-to-digital conversion (ADC)</b> and programmed LED indicators for <b>real-time visual feedback</b>.</li></ul>	
<b>Student Ride-Sharing Web App</b>   React (TypeScript), Node.js/Express, Google Maps API	
<ul style="list-style-type: none"><li>● Led a <b>4-person team</b> to design and deliver a <b>full-stack ride-sharing prototype</b> at Florida's largest hackathon.</li><li>● Integrated <b>AI assistant</b> using Google Gemini API, via Google AI Studio, for <b>natural language ride creation and search</b>.</li><li>● Built a <b>secure login system</b> with Auth0 + .edu email verification, ensuring a <b>student-only network</b>.</li><li>● Developed <b>interactive maps and route planning</b> with the Google Maps Places &amp; Directions APIs, <b>improving ride reliability</b>.</li></ul>	
<b>Real-Time Face Emotion Recognition</b>   Python, ML	
<ul style="list-style-type: none"><li>● Implemented deep learning to classify 7 human emotions in real time.</li><li>● Strengthened experience in <b>Python, machine learning, and computer vision</b>.</li></ul>	

## SKILLS

**Programming:** C, Python, Java, C++, SQL  
**Tools:** MS Office, Arduino IDE, VS Code, Git/GitHub, MySQL  
**Languages:** Spanish (Native), English (Fluent)