

# Valentina Herrera Molano

Product Engineer

Orlando, Florida | (689) 298-7888 | [vhm110305@gmail.com](mailto:vhm110305@gmail.com)  
[https://www.linkedin.com/in/valentinaherreramolano/?locale=en\\_US](https://www.linkedin.com/in/valentinaherreramolano/?locale=en_US) | [Portfolio](#)

---

## PROFESSIONAL SUMMARY

Product Engineer passionate about creating user-focused designs through CAD design and digital fabrication. Skilled in turning concepts into functional prototypes that blend innovation, functionality, and quality.

---

## SKILLS

- C++, C#, Unity, Unreal, VR/AR programming, Github Version Control
  - English (Proficient), Spanish (Native)
  - Solidworks, PCB design, Soldering, 3D print, Laser cutter
- 

## CERTIFICATIONS

Certified SOLIDWORKS CAD Design Professional.

---

## EXPERIENCE

### Student Tour Guide

February 2025 - Present

Full Sail University, Orlando, FL

- Assisted to the success of the Behind the Scenes Tour.
  - Sustained teamwork, communication and performed customer service as needed.
- 

## PROJECT LIST

### 6 DOF Platform

- Designed and developed a platform that moves in the six degrees of freedom with servo motors.
- SolidWorks design.
- Soldering.
- 3D printing.
- PCB design, print and assembly.
- **Highlight:** Platform moves smoothly in all the desired directions.

### Smart Pill Dispenser

- Designed and fabricated a smart pill dispenser divided by day of week with clock and alarm functionality.
  - SolidWorks design.
  - Soldering.
  - 3D printing.
  - PCB design, print and assembly.
  - **Highlight:** User can set alarm in the digital LED display and the cover turns to open the spot according to the day of the week.
- 

## EDUCATION

### Bachelor of Science in Simulation & Visualization (B.S.)

September 2025

Full Sail University, Winter Park FL

Simulation and Visualization.

Relevant Coursework: Microcontrollers, Simulation and Visualization Software (SolidWorks), Digital Fabrication.