

Eugenio P. Sotelo

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EDUCATION

Bachelor of Science in Computer Engineering
Florida Polytechnic University | Lakeland, FL

Anticipated Graduation Date: May 2026

SKILLS AND CERTIFICATIONS

- | | |
|---|--|
| o Soldering | o Multisim |
| o Dc Circuit Design | o Arduino Ide and Microchip Studio |
| o Combinational/Sequential Circuit Design | o Adobe (Photoshop, Illustrator, InDesign) |
| o Additive Manufacturing | o Certified SOLIDWORKS Associate |

RELATED COURSEWORK

- | | |
|--------------------------------|--|
| o Circuits I & II | o Computer Engineering Design Lab I & II |
| o Digital Logic Design | o Electronic Motor Control |
| o Microprocessors | o Engineering Skills and Design I & II |
| o Computational Linear Algebra | o C & C++ |

PROJECTS

Florida Polytechnic University | Lakeland, FL

- *Computer Engineering Skills and Design II*
 - o *Stopwatch Project | Spring 2024*
 - Designed and built a circuit capable of displaying time on 7-segment display, using JK flip flops, custom timer circuit using a 555 timer, and BCD decoders.
 - Utilized Tinkercad and Multisim to design the circuit, then used physical components to transfer the circuit onto a breadboard.
- *Nerf-Tech*
 - o *Custom Nerf Blaster Design Project | Spring 2024*
 - Designed and manufactured custom circuits design utilizing Arduinos, MOSFETs, and brushless motors.
 - Utilized CAD software and 3D printing to design and prototype custom parts.

EXTRACURRICULAR ACTIVITIES

Florida Polytechnic University | Lakeland, FL

- *Nerf-Tech*
 - o *Treasurer | Spring 2023 – Spring 2024*
 - Managed budget creation and allocation
 - Planned and ran a per-semester weeklong HvZ event involving 180 active players.
 - Hosted modding workshops to help students understand how to modify and fix existing
 - o *Club President | Spring 2024 – Present*
 - Manage the entirety of the Club's E-board and oversee all activities and events.
 - Continue to run a per-semester HvZ, as well as plan and manage all future events.
 - Running and maintaining a Discord bot and website that is used for the week-long HvZ event.

EXPERIENCE

- *Polk County BOCC*
 - o *Student Inter | Summer 2024*
 - Worked with desktop and hardware support teams to provide troubleshooting and support for customers and citizens
 - Worked with mobile support team to deploy, replace, and fix county cell phones and iPads.