

# John Lewis

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## Education

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**University of Florida** - Gainesville, Florida

**Expected Graduation: May 2027**

- Bachelor of Science in Computer Engineering **GPA: 3.87**
- Dean's List Award Recipient: Spring 2024
- Relevant Coursework: Intro to Programming 1, Intro to Programming 2, Discrete Structures, Engineering Design and Society, Data Structures and Algorithms, Computer Organization, Digital Logic and Computer Systems, Digital Design, Operating Systems

**Palm Beach State College** - Lake Worth, Florida

**GPA: 4.00**

- Associate in Arts awarded May 2023

## Projects

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**Game Twin** – C++, Python, HTML, CSS <https://github.com/GG1627/Game-Twin>

**December 2024**

- Collaborated in a team to develop an application to recommend video games based on user preferences
- Used a dataset with 470,000+ video games to find the best matches for the user
- Implemented sorting algorithms to rank games by user-chosen parameters like Metacritic rating or the amount of suggestions

**Smart Sunscreen Bottle** - C++

**March 2024 - April 2024**

- Worked in a team to design, 3d print, program, solder, and assemble a sunscreen bottle that alerts the user when they should reapply
- Utilized a UV sensor, piezo, a slide switch, and an RGB LED to calculate the current UV, decide how long the user should wait before reapplying, and alert the user after that period

## Experience

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**Undergraduate Peer Instructor – Digital Logic and Computer Systems**

**January 2025 - Present**

- Hold twice-weekly office hours to help students improve their understanding of digital logic concepts
- Lead weekly lab sections where students implement digital logic principles taught in lectures

## Volunteer Experience

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**T.E.A.M. Elam**

**2021 - 2023**

- Spearheaded a project to purchase and refurbish Chromebooks in preparation for donation
- Partnered with T.E.A.M. Elam to donate the refurbished Chromebooks to students in need

**Live Like Jake**

**2020 - 2023**

- Assisted with projects and maintenance at the indoor swim facility where drowning prevention lessons are given to children
- Assisted with preparations and clean up for annual 5K and Gala events
- Volunteered at community events to raise awareness for childhood drowning prevention.

## Skills

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**Programming:** C++, Python, HTML/CSS, VHDL, Tailwind CSS, React.js, ARM Assembly

**Certifications:** MTA - Security Fundamentals, MTA - Windows Operating System Fundamentals, MTA - Networking Fundamentals, IT Specialist - Network Security