

John Lewis

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Education

University of Florida - Gainesville, Florida	Expected Graduation: May 2027
<ul style="list-style-type: none">• Bachelor of Science in Computer Engineering• 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	GPA: 3.87
Palm Beach State College - Lake Worth, Florida	GPA: 4.00
<ul style="list-style-type: none">• Associate in Arts awarded May 2023	
Seminole Ridge Community High School - Westlake, Florida	Weighted GPA: 5.30
<ul style="list-style-type: none">• Ranked 2nd in a class of 541	

Projects

Minesweeper - C++	April 2024
<ul style="list-style-type: none">• Created a graphical interface using Super Fast Media Library (SFML) so users can navigate the game, pause, restart, and view high scores• Used object-oriented programming to implement the board and give values to the cells• https://github.com/broncosfan915/minesweeper	
Smart Sunscreen Bottle - C++	March 2024 - April 2024
<ul style="list-style-type: none">• 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	

Volunteer Experience

T.E.A.M. Elam	2021 - 2023
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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

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