Alexander John

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Technical Skills

IDE Applications: Visual Studio, Xcode
Languages: C/C++, Java, Swift, HTML, CSS, JavaScript, Python, Racket
Other Tools: Git, Simple DirectMedia Layer (SDL), Arduino, Raspberry Pi

Projects

Hello-SDL - github.com/alexander-john/hello-SDL - Implementing object-oriented principles, I built a simple window application using SDL by configuring Visual Studio for the development library and successfully packaging the program using Microsoft Visual Studio Installer.

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Education

Florida International University - Miami, FL
Bachelor of Science (BS) in **Electrical Engineering**
(Expected Graduation Year: 2024)

Relevant Coursework

COP 2210 Programming 1: Used the Java programming language to design, construct and analyze programs.
EEL 2880 C Programming for Embedded Systems: Focused on the engineering problem solving process, overview of a computing system, software development, and computational applications.
EGN 1002 Engineering Orientation: Focused on the engineering profession, tools used in the industry, and concluded with a team based engineering project where a robot was created. Electrical parts were sourced, robot was assembled, and Arduino was programmed to avoid obstacles using an ultrasonic sensor.

Algorithmic Problem Solving, Certifications, & Other Links

Personal Site: alexander-john.github.io/
CodeWars: codewars.com/users/alexander-john
Stack Overflow: stackoverflow.com/users/14024393/alexander-john
Dive into Refactoring: Certificate of Completion - verification link