

# Lukas Kelk

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## Education:

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### Florida Polytechnic University | Lakeland, Florida

Bachelor of Science in Computer Engineering | GPA 4.0

*August 2021- Present*

*Expected Graduation 2025*

**Relevant Course Work:** Digital Logic Design, Object Oriented Programming

### Fort Hamilton High School | Brooklyn, New York

High School Diploma | GPA 4.0

*September 2017- June 2021*

*Graduated 2021*

## Projects:

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### Real Time Digital Stopwatch (Verilog/FPGA) | Repository: [GitHub](#)

October 2022 - November 2022

- Used knowledge of Digital Logic to design a millisecond stopwatch.
- The watch has a Start/Stop button that turns on and off the watch
- The watch displays milliseconds and starts at 00:00

### Library Management System (C++) | Repository: [GitHub](#)

*August 2022- Present*

- Working on a program to automate day to day functions of a library
- Adding Books and Members, Adding registered library users, and other functions
- All data is collected and stored for future access

## Skills:

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- C, C++, Python, Multisim, Verilog HDL, MATLAB, Arduino IDE
  - Breadboard, Arduino, Soldering, Raspberry Pi

## Work Experience:

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### Applied Mathematics Tutor | Florida Polytechnic University

*December 2021- Present*

- Reinforcing students Calculus and Trigonometry concepts
- Grading Calculus and Trigonometry homework
- Coordinating with professors to develop tutoring sessions

## Campus Clubs and Activities:

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**IEEE Florida Poly:** Working on and discussing engineering related projects

- Currently prototyping an interactable wall of LED buttons (Poly-Pixel Wall)

**Music Association:** Playing music and collaborating with others

- Head of Club Marketing

**Florida Poly Phoenix Band:** Performing music locally to promote school spirit

- Head of Trumpet Section