Lukas Kelk

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Education:

Florida Polytechnic University | Lakeland, Florida *August 2021- Present*
Bachelor of Science in Computer Engineering| GPA 4.0 *Expected Graduation 2025*
Relevant Course Work: Digital Logic Design, Object Oriented Programming

Fort Hamilton High School | Brooklyn, New York *September 2017- June 2021*
High School Diploma| GPA 4.0 *Graduated 2021*

Projects:

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:

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

Work Experience:

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:

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: Preforming music locally to promote school spirit
- Head of Trumpet Section