

**Keith Springs**  
11786 Tennyson Drive, Cincinnati, Ohio 45241  
513-633-5475 |springkh@ucmail.uc.edu

## EDUCATION

### University of Cincinnati, Cincinnati, OH

Expected Graduation: May 2023

#### *Bachelor of Science, Computer Engineering*

- Relevant Coursework: Intro to Programming in C++, Engineering Design Thinking, Semiconductor Physics, Electronics I, Data Structures
- GPA 2.99

## SKILLS

- C++, Python, LabView, MATLAB, Microsoft Office, Ubuntu,

## PROJECTS

### Engineering Design Thinking EV3 Project

January 2019- April 2019

#### *University of Cincinnati, Cincinnati, OH*

- Built an EV3 Lego Robot using Python to pick up boxes, scan barcodes, and drop them off at designated points
- Planned meetings, delegated tasks, and documented of the progress of the project over the course of 13 weeks

## Curriculum

### Electronics 1

August 2020 – December 2020

- Taught how to wire AC and DC circuits, and simulate them through multisim.
- Learned how to operate with more advanced circuit components like diodes.
- Gained a well rounded fundamental knowledge on solving missing variables in bjt, and op amp circuits.

## EXPERIENCE

### Kings Island Merchandise Associate

April 2016-December 2016

#### *Kings Island, Cincinnati, OH*

- Supplied 100 – 200 customers with the proper change quickly with only >2% variance at the end of the day.
- Socialized with 15 – 20% of the attendees and improved their experience by giving them directions to certain attractions, or answering questions about park events.
- Operated the storefront independently in high stress situations when customer traffic would double in the storefront on rainy days.

### Warehouse Picker and Receiver

July 2017-April 2020

#### *Midwest Sports, Cincinnati, OH*

- Used organizational skills to sort goods into their proper bins reducing the time it took for other workers to get said goods by 2-3 minutes.
- Analyzed and efficiently delivered the warehouse product to their proper locations, reducing my average time per batch from 20 minutes to 10 minutes.

### Enumerator

September 2020-October 2020

#### *U.S. Census Bureau, Cincinnati, OH*

- Collected and handled sensitive information that dealt with people's names addresses, and identity.
- Mapped out the most effective route so that I could finish my work that was assigned to me in a timely manner.
- Solved several problems dealing with communication issues, uninterested or hostile participants, and getting into contact with those who haven't had a chance to take the census.

## Club Participation & Memberships

### IBM CyberSecurity EEP

June 2020-August 2020

- Introduced to cybersecurity software, and on how to implement cybersecurity tactics in the field to prevent massive data breaches.
- Shown how to counteract the most common cyber security threats, and the methods that hackers use to cause them in the first place.

### University of Cincinnati Summer Researchers

June 2020-August 2020

- Taught how to properly patent and publish your research.
- Learned how implicit bias can affect your research, and the preventive measures you should take to leave out as much bias in your research as possible.

