

# Kirtan Sakariya

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## EDUCATION

**UNIVERSITY OF PITTSBURGH**  
BS IN COMPUTER SCIENCE  
MINOR IN MATHEMATICS  
Dean's List (Fall 16/Spring 17)  
Expected Apr 2020 | Pittsburgh, PA  
Cum. GPA: 3.71

## LINKS

Github: [kirtansakariya](https://github.com/kirtansakariya)  
Website: [kirtansakariya.github.io](http://kirtansakariya.github.io)  
LinkedIn: [/in/kirtansakariya](https://www.linkedin.com/in/kirtansakariya)

## COURSEWORK

### UNDERGRADUATE

Completed  
Intermediate Programming With Java  
Data Structures  
Discrete Structures for CS  
In Progress  
Introduction to Systems Software  
Computer Organization and Assembly Language  
Introduction to Theoretical Mathematics

## SKILLS

### PROGRAMMING LANGUAGES

Intermediate  
Java • HTML • CSS  
Basic  
C • Python • JavaScript  
MIPS • Unity (C#)  
Others  
Git • MS Office

## COMMUNITY

### VOLUNTEERING

South Fayette Township Library  
Fairview Park Cleanup  
Food Drive at Local Church

### SOCIETY

Phi Eta Sigma National Honors Society

## EXPERIENCE

### TOPIC EXPLORER | STUDENT PROGRAMMER

September 2017 - Current | Pittsburgh, PA

- Tasked to go through Python code and debug certain issues to make the software more user friendly and to fix other problems in general
- In charge of fixing/reporting inconsistencies on the Windows client
- Assisted the team with migrating from Python 2.0 to Python 3.0

### STARK MEDIA SERVICES | STUDENT WORKER

January 2017 - Current | Pittsburgh, PA

- Found and checked out DVDs and VHSs to patrons
- Assisted patrons in operating the DVD/VHS players
- Cleaned equipment in the viewing room and went through the collection to see which DVDs were missing over the summer

## PROJECTS

### PERSONAL WEBSITE May 2017 - Current

- Showcased my hobbies, goals, etc. through a webpage about myself
- Contains various links to my GitHub, Facebook, and LinkedIn
- Implemented a theme change in order to allow for different colorization options

### UNITY ROLL-A-BALL September 2017 - Current

- Working on modifying a Unity roll-a-ball game tutorial
- Added a time functionality which makes the objects respawn if the player is not able to collect them in time
- Going to add more backgrounds to be able to play the game on

## EXTRACURRICULAR

### COMPUTER SCIENCE CLUB August 2016 - Current

- The club exposes members to different fields in Computer Science and introduces new technologies as well
- There are often talks about projects which present an opportunity for members to get more involved in Computer Science

### MATHEMATICS CLUB August 2016 - Current

- Talks are held to delve into real life applications of mathematics
- Offers a place for students to get together and seek help in certain math classes

### INFORMATION SECURITY CLUB January 2017 - Current

- Introduces members to cyber-security by holding workshops in which members get to explore the different aspects of cyber-security and its importance in today's world

### ARCHERY CLUB September 2017 - Current

- Provides members with an introduction to archery as well as the chance to enter the competitive scene if the player desires to