

Kirtan Sakariya

<http://kirtansakariya.github.io>
kirtansakariya@gmail.com | 412-915-5301

EDUCATION

UNIVERSITY OF PITTSBURGH

B.S. IN COMPUTER SCIENCE

MINOR IN MATHEMATICS

Dean's List (Fall 16 / Spring 17 /

Fall 17 / Spring 18)

Expected Apr 2020 | Pittsburgh, PA

GPA: 3.82

LINKS

Github: [kirtansakariya](https://github.com/kirtansakariya)

Website: kirtansakariya.github.io

LinkedIn: [/in/kirtansakariya](https://www.linkedin.com/in/kirtansakariya)

COURSEWORK

UNDERGRADUATE

Completed

- Data Structures

- Algorithm Implementation

- Formal Methods in Computer Science

- Introduction to Systems Software

- Computer Organization and Assembly Language

- Introduction to Theoretical Mathematics

- Linear Algebra

In Progress

- Programming Languages for Web Applications

- Blockchain Technology and

Cryptocurrency

SKILLS

PROGRAMMING LANGUAGES

Intermediate

Java • HTML • CSS • JavaScript

Basic

C • Python • MIPS • Unity (C#)

TECHNOLOGIES

Git • NodeJS • SpringBoot • Angular 5

AWS(Lambda, APIGateway) • MS Office

COMMUNITY

VOLUNTEERING

South Fayette Township Library

Fairview Park Cleanup

Food Drive at Local Church

EXPERIENCE

CIGNA | TECDP INTERN

May 2018 - August 2018 | Philadelphia, PA

- Wrote a RESTful API using SpringBoot in order to reduce the number of open connections to a database
- Utilized Twilio and AWS to make the backend for an application meant to help trauma victims recover
- Made an introductory WeatherApp using SpringBoot and Angular 5

TOPIC EXPLORER | STUDENT PROGRAMMER

September 2017 - Current | Pittsburgh, PA

- Tasked to go through JavaScript, HTML/CSS, and a bit of Python to debug issues in order to make the applications more user friendly
- Altered the appearance of the front end to make it more comprehensible to the user by implementing CSS Grids to resolve an issue of invisible tooltips
- Fixed malfunctioning buttons like the help button, a malfunctioning pdf button, etc.

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

PROJECTS

DISCORD BOT May 2018 - Current

- Primarily a music bot made using NodeJS that streams music from YouTube and Soundcloud
- Hosted on an AWS EC2 server that allows the bot to be run remotely

ROLL-A-BALL 4 SLEEP October 2017

- A game that is aimed at increasing sleep awareness where the player is required to collect objects to clear the level
- Objects respawn if the player does not collect them in time and the respawn is more frequent as the player approaches a user-specified bedtime
- At the end of every level, the player is presented a question about sleep that they have to get correct in order to proceed to the next level

PERSONAL WEBSITE May 2017 - Current

- Showcases 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

EXTRACURRICULAR

COMPUTER SCIENCE CLUB August 2016 - Current

MATHEMATICS CLUB August 2016 - Current