

Kirtan Sakariya

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EDUCATION

UNIVERSITY OF PITTSBURGH

B.S. IN COMPUTER SCIENCE

Dean's List (All Semesters)

Expected Apr 2020 | Pittsburgh, PA

GPA: 3.87

LINKS

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

Website: kirtansakariya.github.io

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

COURSEWORK

UNDERGRADUATE

Completed

- Algorithm Implementation
- Formal Methods in Computer Science
- Computer Organization and Assembly Language
- Introduction to Operating Systems
- Programming Languages for Web Applications
- Blockchain Technology and Cryptocurrency
- Introduction to Theoretical Mathematics
- Linear Algebra

In Progress

- Introduction to Computer Vision
- Database Management Systems

SKILLS

PROGRAMMING LANGUAGES

Intermediate

Java • HTML • CSS • JavaScript

Basic

C • Python • MIPS • Unity (C#)

TECHNOLOGIES

Git • NodeJS • Spring Boot • Angular 7
AWS(Lambda, APIGateway) • Neo4j
PTF • Heroku

COMMUNITY

VOLUNTEERING

South Fayette Township Library

Fairview Park Cleanup

Food Drive at Local Church

EXTRACURRICULAR

CS Club • Mathematics Club

EXPERIENCE

VANGUARD (CONTRACTED VIA RANDSTAD) | C2C IT INTERN

May 2019 - August 2019 | Malvern, PA

- Learned and applied the **LEAN** methodology
- Automated 13 General Ledger, 7 Accounts Payable, and 6 Asset Management tests and stabilized 7 other tests for PeopleSoft using the **PeopleSoft Test Framework**
- Wrote the endpoints for a graph-based database called **Neo4j**

CIGNA | TECDP INTERN

May 2018 - August 2018 | Philadelphia, PA

- Wrote a RESTful API using **Spring Boot** in order to reduce the number of open connections to a database
- Utilized **Twilio** and **AWS** to make the backend for an application that helps trauma victims recover
- Made an introductory weather app using **Spring Boot** and **Angular 5**

UNIVERSITY OF PITTSBURGH (TOPIC EXPLORER) | STUDENT PROGRAMMER

September 2017 - Current | Pittsburgh, PA

- Tasked to go through **JavaScript**, **HTML/CSS**, and **Python** to debug issues in order to make the applications more user friendly
- Altered the appearance of the frontend 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, PDF button, etc.

UNIVERSITY OF PITTSBURGH (STARK MEDIA SERVICES) | STUDENT WORKER

January 2017 - April 2019 | Pittsburgh, PA

- Found and checked out DVDs and VHSs to patrons
- Assisted patrons in operating the DVD/VHS players
- Organized equipment and recorded any missing items

PROJECTS

DISCORD BOT May 2018 - Current

- Primarily a music bot made using **NodeJS** that streams music from YouTube and SoundCloud
- Hosted on **Heroku** that allows the bot to be run remotely
- Frontend to allow users to create custom playlists

ROLL-A-BALL 4 SLEEP October 2017

- A **Unity** 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 web page about myself
- Contains various links to my GitHub, Facebook, and LinkedIn
- Implemented a theme change in order to allow for different colorization options