Kirtan Sakariya

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EDUCATION

UNIVERSITY OF PITTSBURGH
BS IN COMPUTER SCIENCE
MINOR IN MATHEMATICS
Dean's List (Fall 16 / Spring 17 /
Fall 17 / Spring 18)
Expected Apr 2020 | Pittsburgh, PA
Cum. GPA: 3.82

LINKS

Github: **kirtansakariya**
Website: **kirtansakariya.github.io**
LinkedIn: **/in/kirtansakariya**

COURSEWORK

UNDERGRADUATE
Completed
Intermediate Programming With Java
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
- Made a RESTful API using SpringBoot in order to reduce the number of open connections to a database
- Used 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 code to debug certain issues to make the software more user friendly and to fix other problems in general
- Altered the appearance of the application to make it more comprehensible to the user
- Fixed a lot of the malfunctioning buttons like the help button, a button that did not open pdfs properly, 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 over the summer

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 non-locally

ROLL-A-BALL 4 SLEEP October 2017
- A game that is aimed at increasing sleep awareness
- Added a time functionality which makes the objects re-spawn if the player is not able to collect them in time
- At the end of every level, the user is presented a question about sleep that they have to get correct in order to proceed to the next level
- Has a functionality where if the user is approaching a user-entered bedtime, then the re-spawn of the collectibles will be faster

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

EXTRACURRICULAR

COMPUTER SCIENCE CLUB August 2016 - Current

MATHEMATICS CLUB August 2016 - Current