Dylan P. Jackson

dylanjackson.me
frprdjackson@gmail.com | 484.832.4162
Objective: Summer 2019 Co-op

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY
BS in Computer Science
2017 - Present | Rochester, NY | Cum. GPA: 3.3
Computer Science House : Active Member
Honors Program
Artificial Intelligence Club : Secretary
Outing Club : Public Relations

SKILLS

PROFICIENT
Python | Java | C
Linux | MacOS
Vim | PyCharm | IntelliJ
Arduino | NLTK | Cinema4D

EXPERIENCED
HTML | CSS
JavaScript | C++

PROJECTS

HAPI
- Python based program which performs Naive Bayes classifier on tweets to determine overall sentiment of user or hashtag
- Tweepy library to communicate with Twitter API, NLTK to perform sentiment analysis
- Pulls last 100 tweets, performs sentiment analysis on them to determine percentage positivity

K.L.A.M.P.
- Hybrid of C/C++ with Arduino Mega listens through HC-06 bluetooth module to update RGB LED matrix display
- Relies on RGB-matrix-Panel and Adafruit-GFX-Library libraries to write custom designs onto the matrix, advertising Computer Science House

PERSONAL WEBSITE
- HTML, CSS, and Javascript to document progress on various projects in a blog style timeline

24-HOUR-POWER
- C/C++ with Arduino Uno to display flowing color patterns on LED strip
- Relies on FASTLED library to perform custom gradient palette transitions, which occurs every hour: one color representing each hour of the day

EXPERIENCE

ROCHESTER INSTITUTE OF TECHNOLOGY | SI LEADER
August 2018 - Present | Rochester, NY

- Develop weekly study sessions for students in Python and Java based Computer Science courses to provide a more practical approach to course content
- Helps students become more confident in those languages, and refines my own understanding because of responsibility to explain concepts to other students

ROCHESTER INSTITUTE OF TECHNOLOGY | NEW STUDENT ORIENTATION LEADER
August 2018 | Rochester, NY

- Lead a group of New Students and introduced them into the RIT community, leading them through various icebreakers, social and academic activities
- Developed strong leadership, communication, and team building skills