Harrison Cook

1359 West Broad Street • Richmond, VA • (434)770-4575
cookhl2@vcu.edu • https://www.linkedin.com/in/harrison-cook1999
https://github.com/hcook99

Objective
Computer science junior with skills in software development and problem solving skills looking for a summer internship.

Education
Virginia Commonwealth University, Richmond, VA   Expected Graduation: May/2020
Bachelor of Science in Computer Science
GPA: 3.35

Courses Completed
- Software Engineering
- Data Structures and Object Oriented Programming
- Algorithm Analysis
- Discrete Structures

Skills
Languages: Java, Python, JavaScript, C++, Go
Tools: Android Studio, Intelli J, Junit, Node.js, GitHub
Techniques: Test Driven Development, Agile Development

Relevant Experience
Software Engineer Intern, SoVa Motion, Danville, VA, June/2016-July/2016
- Developed a program in python that used car shocks and sensors attached to a raspberry pi to collect position data.
- Built a game of pong that used the data collected to change the position of the paddles in real time. The project was used at a career fair to show tenth graders the importance of coding.

Academic Projects
Android Application, Software Engineering, Virginia Commonwealth University, Richmond, VA, Fall/2018
- Lead a four person team to develop a game targeted at android. The game was a cross disciplinary effort that allowed me to interact with art students and build a visually appealing game. The game is a running game where the player has to try and make it to the end but their character will pass out if the run out of energy which can be increased if they get cups of coffee.

Independent Projects
Twitter Sentiment Analyzer
- Built a command line application at RamHacks 2018 that would retrieve 100 random tweets. The app would then do a sentiment analysis on the tweets and then categorize the tweets from extremely positive to extremely negative. The application received Honorable Mention for the Altria Challenge.

Twitter Wiki Bot
- Built a bot in Java that would either get a random Wikipedia article or would receive a request for one from twitter. Then it would post the beginning paragraph from the article to twitter.

Tic Tac Toe
- Built a game of tic tac toe in Java for Android with single player and two player functionality.

Student Organizations
- Member, RamDev, Richmond, VA, August/2017-present