

# Nicholas Sahu

Passionate High School Student Developer

<https://github.com/NicholasS13>  
<http://NicholasS13.github.io>

## EXPERIENCE

### Applications Developer, Remote — *The Be Good Project*

March 2020 - November 2020

Worked with the nonprofit organization The Be Good Project to work on their Banana Application. I focused on Map Integration using Mapbox APIs and a Travel Distance calculator using HERE APIs. I also helped to deploy the application to the AppStore and Google PlayStore.

### ML Research Intern, Remote — *ArdenVent Medical Trust*

March 2020 - December 2020

Worked with the nonprofit organization ArdenVent to do research on different types of Machine Learning algorithms and frameworks. I also assisted with setting up the Github Account for them.

## EDUCATION

### South Brunswick High School — *High School Diploma*

September 2017 - June 2021

Courses: Engineering in the 21st Century, Electronics and Robotics, Computer Science 1, AP Computer Science A, AP CS Topics:Data Structures\*, AP Computer Science Principles\*, CS Topics: Mobile Applications Development\*

\*To be completed by June 2021

## Clubs and Activities

### Robotics Team — *Workshop Leader, VLA Representative*

In my team of 12 students, we work through the design process to build robots to compete in the VEX Robotics Competition Season. I was responsible for Unit testing our code, Computer Aided Designs of the robot and building the robots.

### Computer Science Club — *Participant*

Learned how to build basic websites using HTML, JavaScript, CSS and how to make programs to automate tasks and image recognition using Python.

## SKILLS

### Programing

Java	★ ★ ★
Python	★ ★ ★
SQL	★ ★
Website Development	★ ★

### Software, Hardware and Skills

Linux (apt,pacman,yum)	★ ★ ★ ★ ★
Vex Robotics (hardware software)	★ ★ ★ ★ ★
Git/GitHub	★ ★ ★ ★
Microsoft Office	★ ★ ★ ★
Autodesk (Inventor, Fusion)	★ ★ ★
Raspberry Pi (hardware, software)	★ ★ ★
Arduino (hardware, software)	★ ★ ★