

# Collin Lanier

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## Education

### UNCC Full Stack Web Development Coding Boot Camp

CERTIFICATION IN FULL STACK WEB DEVELOPMENT

Charlotte, NC

October 14, 2020

### University of North Carolina at Charlotte

BS IN COMPUTER SCIENCE

Charlotte, NC

Dec 2020

## Experience

### IBM

RPA DEVELOPER INTERN

Raleigh, NC

June 2019 – Aug. 2019

- Collaborated with Subject Matter Experts to map out their processes using BlueworksLive to gain a deep level of understanding.
- Provided insight on areas of improvement within their process while also discussing areas that have potential for automation.
- Produced blueprints of how the processes would function with the implementation of automation.
- Developed a virtual robot to perform the tasks for the Acquisitions and the Q2C team.

### IBM

BACKEND DEVELOPMENT INTERN

Cambridge, MA

June 2018 – Aug. 2018

- Worked with breast cancer image data by sorting the training the data for machine learning.
- Created a program using Java and Docker, comparing two text-analytic algorithms, which created an output of the results to view discrepancies between the algorithms.
- This project helped create a basis to implement other text-analytic algorithms within the company to the program.

## Projects

### StudyMate

STUDYMATE IS A WEB APPLICATION THAT ALLOWS STUDENTS TO MEET AND STUDY SUBJECTS TOGETHER ONLINE.

<https://floating-journey-44508.herokuapp.com/>

### MusiQuery

MUSIQUERY IS AN APPLICATION BUILT FOR ARTISTS TO CONNECT AND NETWORK WITH OTHERS IN THE MUSIC INDUSTRY.

<https://project-2-agrc.herokuapp.com/>

## Awards & Achievements

April 2018	<b>General Electric Hackathon</b> , 1st Place. Created app that helps assist students around the campus. App simulated a student walking around the campus and was able to view the description of the buildings, when holding their phone at one.	General Electric
Oct. 2017	<b>IBM BlueHack</b> , 4th Place. Created an A.I for language translation using a Natural Language Processing API. Programmed a raspberry pi and used IBM BlueMix tools to create a language translation A.I. The A.I took in an input of English (voice), and then output a response in the specified language chosen.	IBM
Sept. 2017	<b>NC A&amp;T Hackathon</b> , 1st Place. Created app UI for Cisco Cyber Security. Utilized concepts such as I/O, Networking, and UI. The app idea was to monitor packets of a home network, and create an efficient way for client to provider communication.	Cisco

## Skills & Expertise

**Programming Languages:** Javascript, Java, Python, React.js, Node.js, jQuery, HTML, CSS

**Databases:** Sequelize, MongoDB, MySQL

**Badge Skills:** BluePrism, BlueworksLive, IBM Agile Explorer