

Stephen Sarfo

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EDUCATION

CUNY Lehman College | Bachelor of Science in Computer Science | GPA: 3.2

Expected May 2020

HONORS

Dean's List: 2017 | NYC Council Merit Scholarship

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript

Front-End: Angular, Vue, JavaScript, HTML, CSS

Tools: Git, GitHub

Testing: WebDriver I/O

Database: SQL, PostgreSQL, MongoDB

Back-End: Flask, Django, NodeJS, Docker, Postman

Software: Microsoft Office Suite, Trello, Slack, VS Code, Eclipse

WORK EXPERIENCE

Serengeti FullStack Engineer Intern | New York, NY September 2019 – December 2019

- Utilized Trello for project management to keep track of feature stories
- Developed an **API** endpoint to retrieve and store ads data from Facebook using **Python** with the **Flask Web Framework** and **MongoDB** and also created an Image of one of their **API's** and deployed it to **Google Cloud Platform**
- Assisted in the creation of the front end using **Angular 8**, and **Auth0**
- Documented all current **APIs** using **Postman** Application

Work & Co. Quality Assurance Analyst Intern | Brooklyn, NY June 2019 - August 2019

- Learned automation testing by creating test scripts in order to **automate** manual tasks and eliminate redundancy
- Accomplished regression and exploratory test for the project in order to detect bugs and create tickets for the developers
- Tested front-end tickets via our web application in order to ensure that bugs no longer remained after latest deployment
- Tested back end tickets by writing **GraphQL** queries and mutations to ensure proper data, and error messages were returned
- Gained a lot of experience working in an **Agile** environment

Healthie Software Engineer Intern | New York, NY June 2018 - August 2018

- Created **QA** test cases for Dashboard features using Rainforest QA
- Collaborated alongside senior developers via pair coding on mobile application to eliminate bugs, and increase reliability

PROJECTS

News Application

<https://www.topnewsearch.xyz>

December 2019 – January 2020

- This is a basic web application utilizing **NodeJS** and **MongoDB** and the **Vue** framework
- I used the **NewsApi** service to obtain my news articles data, and created an API of my own to handle comments
- This project increased my knowledge of the how to approach and design an application

Flask Blog February 2019 - Present

- A simple blog web application that registers users and authenticates them utilizing the **Flask Web Framework**
- Developed the **HTML** templates and created the models, routes, and forms
- Built web application to enhance back end skills and to gain a conceptual understanding of web development

Java Chat Message App December 2018

- Created a Chat message application using Java and Sockets I used the **UDP Protocol** to send packets through a network
- Created fields to accept an IP and a Port, to communicate with another chat
- Used the networking concepts like **ARP** and **broadcasting** taught to me in **Networks** class to implement in my app

PROFESSIONAL AFFILIATIONS

National Society of Black Engineers, Member 2017-Present; and Society of Hispanic Professional Engineers, Member 2019-Present