

Kori Vernon

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Education

- August 2018– Present **New York University**, *Tandon School of Engineering*, Bachelor of Science, Computer Science.
Expected May 2022
- August 2016– May 2018 **Saint Augustine's University**, 59 Credits, Business and Biology Concentration.
- Relevant Coursework Data Structures and Algorithms (Python), Computer Systems Organization and Architecture (Verilog), Object Oriented Programming (C++)

Technical Skills

- Languages C++ (Strong), Python (Strong)
- Tools/Libraries CSS (Intermediate), HTML (Intermediate), Flask (Basic), NumPy (Basic), pandas (Basic)

Experience

- June 2019– Present **Teaching Assistant**, *Data Structures and Algorithms and Introduction to Programming*, New York University.
- Assisted faculty and other instructional staff by performing teaching related duties, developing teaching materials, preparing exams, hosting office hours and labs, grading exams and homework.
 - Created resources and provided students with information to grasp a stronger understanding of Data Structures and Algorithms and introduced students to programming in Python.
- May 2018– August 2019 **Program Assistant**, *NYU Residential Life*.
- Worked with an amazing team to develop an inclusive community for over 80 residents.
 - Worked with staff to execute programs that would cater to the residents, fostering social, political, and cultural development.
 - Implemented and enforced all New York University Housing policies.
- June 2019– August 2019 **Collegiate Software Engineering Intern**, Genius Genesis Inc..
- Assisted in the scaling and management of operations for non-profit.
 - Assisted in logistics, community outreach, and student engagement for the non-profit.
 - Worked with small businesses to improve and implement management systems using Python, JavaScript, HTML5, and CSS3.
- May 2018– August 2019 **Owner**, *Ahia Solutions*, Digital Marketer and Videographer, Ahia, LLC..
- Digital and Video Marketing Firm focused on improving the social media presence of minority-owned small businesses in the Research Triangle Park area.
 - Managed the Facebook and Instagram pages of 3 small businesses, grew their account engagements 3-fold, increased overall online and storefront sales by 15%.

Leadership Activities

- April 2019– December 2019 **Black Student Union**, *Social Media Manager*.
- Created BSU Website using HTML, CSS, and WordPress.
 - Hosted several social events with more than 400 active participants.
- May 2019– December 2019 **National Society of Black Engineers**, *Entrepreneurship and Special Projects Chair*.
- Started BLAC (Bi-Yearly Logistical Assembly Cooperatives) Projects, an initiative to increase the entrepreneurial spirit in NSBE.
 - Started the NSBE Hackathon Team.

Projects

- July-2020 Present **Dine-n-Dash**, *Co-Partner*.
- Building a mobile app that people can use to expedite the dining-out experience.
- August 2020 **Call/Put Stock Option Finder**, *Personal Project*.
- Used Python and yfinance to create an algorithm to find stock option contracts that are within my budget and send me an email pre-market open on weekday mornings.

February 2019 **BeeCareful**, *NYU Hackathon*.

- Built a website that provides crowd-sourced privacy information in the hands of users, who can let others know what they know when it comes to how sites use your data.