

# Kori Vernon

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## Education

- August 2018– Present **New York University**, *Tandon School of Engineering*, B.S. Computer Science, GPA: 3.317.  
Expected December 2021
- Relevant Coursework Artificial Intelligence, Computer Systems Organization and Architecture (Verilog), Data Structures and Algorithms (Python, C++), Databases (SQL), Object Oriented Programming (C++)
- August 2016– May 2018 **Saint Augustine's University**, *59 Credits*, Business and Biology Concentration, GPA: 3.897.

## Technical Skills

- Languages Python (Strong), C++ (Strong), Verilog (Previous Experience), HTML/CSS (Previous Experience), Dart (Previous Experience), JavaScript (Previous Experience)

## Certifications

- May 2021 **National Drug Abuse Treatment**, *Clinical Trials Network*.
- Good Clinical Practice Course on: Institutional Review Boards, Informed Consent, Confidentiality & Privacy, Participant Safety & Adverse Events, Quality Assurance, The Research Protocol, Documentation & Record-Keeping, Research Misconduct, Roles & Responsibilities, Recruitment & Retention, Investigation New Drugs.
- May 2021 **Protecting Human Research Participants Training**, *PHRP*.
- PHRP Training on: History of Human Research, Codes and Regulations, Respect for Persons, Beneficence, and Justice.

## Projects

- July 2020– Present **BlackOwned**, *Partner*, React Native.
- Application created to discover black owned businesses near users so they can take action and support Black Owned Businesses in their community.
  - Implemented map search feature to make user experience better.
- August 2020 **Call/Put Stock Option Finder**, *Personal Project*, Python.
- Utilized yfinance library in Python to create an algorithm to find stock option contracts that are within budget and send me an email pre-market open on weekday mornings.
  - Highlighted trades are then further analyzed for validity.
  - Generated an average of 68% weekly profit for 9 weeks.

## Experience

- June 2019– Present **Teaching Assistant**, *Data Structures and Algorithms and Introduction to Programming*, New York University.
- Assist faculty and other instructional staff by performing teaching related duties, developing teaching materials, preparing 3 exams, hosting office hours and labs, grading exams and homework.
  - Create resources and provide over 200 students every semester with information to grasp a stronger understanding of Data Structures and Algorithms and introduce students to programming and problem solving using Python.
- May 2019– **Program Assistant**, *NYU Residential Life*, New York University.
- August 2019
- Worked with 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.

## Leadership Activities

- May 2019– **New York University National Society of Black Engineers**, *Entrepreneurship and Special Projects Chair*.
- December 2019
- Started BLAC (Bi-Yearly Logistical Assembly Cooperatives) Projects, an initiative to increase the entrepreneurial spirit in NSBE.
  - Established the NYU NSBE Hackathon Team.