

Joshua Kiprono

319 Gracemount Ln, 29229, Columbia, SC USA

<https://joshuakiprono.com> | (803) 261 9150 | jkiprono@claflin.edu |
<https://www.linkedin.com/in/joshuakiprono/> | <https://github.com/JoshuaKiplimo>

EDUCATION

Claflin University

Expected Graduation Date: May 2023

Bachelor of Computer Science | GPA: 4.0 / 4.0

Completed Courses: | Principles of Programming | Discrete Mathematics | Calculus

Current Courses: Android Development (Code-Path) | Data Structures and Algorithms | Computer Organization and Structure

PROFESSIONAL EXPERIENCES

Research Intern, Career Pathways Initiatives, Orangeburg, South Carolina

June 2020 – September 2020

- Developed a web application to help students easily access and share and manage opportunities
- Evaluated and researched user experience and accessibility of the web application among students which will contribute to future development of the web application

Student Support Services, Tutor, Claflin University

July 2020 - Present

- Tutor and guide students through fundamentals of java and python programming as well as mathematics courses

Digital Literacy Program, Tutor, Kenya

February 2018 - October 2018

- Volunteered individually and through non-profit organizations and local poly-technical schools to bridge the digital divide in local Kenyan communities
- Offered free feedback-driven computer lessons on operating systems and computer application to high school students and adults

PERSONAL PROJECTS

Applications Tracker Web Application (<https://applicationstrack.herokuapp.com/home>)

- Utilized Django, Azure and Postgres to build a web application designed for students to keep track and manage applications
- Objective of the project is to help students easily access and apply and share opportunities among themselves

GroupMe Weather Bot (<https://github.com/JoshuaKiplimo/Weather-Bot>)

- Utilized functional programming, JSON arrays, Python libraries and Heroku to build and deploy a GroupMe weather bot for student groups in GroupMe
- Aimed to alert students about impending weather conditions within the coming days
- The bot alerts users every day at a fixed time if certain weather conditions are bound to occur

Twitter Sentiment Analysis (https://github.com/JoshuaKiplimo/sentiment_analysis)

- Utilized python to create a web app that extracts data from twitter based on a word or a hash tag then uses the data to visualize the percentage within the website application

LEADERSHIP

- Treasurer, National Society of Black Engineers, Local chapter, Claflin University November 2019 – Present
- Student Success Leader, Student Support Center, Claflin University July 2020 – Present

HONORS AND AWARDS

- Carolina Clusters' Creative Project Award (2020)
- President's List, Claflin (2020)
- Claflin's Alice Carson Tisdale Honors College (2019–present)

TECHNICAL SKILLS:

- **Languages:** Python, Java, JavaScript, CSS, HTML5, PostgreSQL
- **Skills:** Natural Language Processing, Front End, Back End, Android Development
- **Tools:** Django, Git/ GitHub, Android Studio, Jupyter Notebooks