

Lance Kimani

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EDUCATION

University Of South Carolina Columbia

Columbia, SC

Pursuing a B.S. in Computer Science

Expected Graduation, May 2026

- **Concentrations:** Computing and Information Security
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Computing Security, Machine Learning, Discrete Mathematics, Business Writing

EXPERIENCE

University of South Carolina - Housing

Columbia, SC

Residential Assistant - RA

January 2024 – Present

- Provide leadership, guidance, and support to a diverse group of over 30+ students in a university residence hall.
- Organize community-building events, fostering social interaction and student engagement through educational programs
- Mediate conflicts and address concerns among residents, ensuring a safe, respectful, and cooperative atmosphere.

Reliable Care Staffing Solutions

Charlotte, NC

Payroll Specialist

Jan 2022 – Present

- Prepared payroll for over 30 employees in a timely manner.
- Keep track of hours worked for each employee throughout the week period and verify against signed timesheets
- Submit weekly payroll on time in Paychex payroll system ensuring correct hours are uploaded.

PROJECTS

Language Learning App

Columbia, SC

Team Member

September 2024 – Present

- Developed a language learning app with fellow classmates for a Group Project
- Created an interface that lets the user choose the language and run through Flashcards, Questions, and more.

Algorithmic Design I and II

Columbia, SC

Class Projects

August 2023 – May 2024

- Studied core algorithmic concepts and Java programming, including methods, classes, objects, inheritance, and polymorphism. Implemented advanced data structures (linked lists, stacks, queues, trees, heaps) and algorithms (searching, sorting, recursion) in Java to optimize computational efficiency.
- Completed hands-on projects such as the Food Assembly System, 2D Array-Based Navigation Game Engine, Sheep Shearing Scheduler, Sierpinski's Triangle Fractal Generator, and Robot Navigation and Command Simulator

ACTIVITIES AND LEADERSHIP

Rhodos Fellowship LLC

Columbia, SC

Member

August 2023 – Present

- Member of an organization that fosters creativity across all disciplines, providing access to tools, equipment, and scholarships to help students explore and develop their talents.

Pan-African Student Association

Columbia, SC

Member

February 2023 – Present

- Member of the Pan-African Student Association (PANASA), an organization uniting Africans, friends of Africa, and international students.

SKILLS

Programming: Java, C++, JavaScript, HTML/CSS, Partial Linux, Learning Python

Tools: VS Code, IntelliJ, Eclipse, Git

Interests: Basketball, Drawing

Languages: English (Primary), Intermediate Spanish, Intermediate Swahili