Kafui Gle

kaf123g@gmail.com | (630) - 742 - 1712 | [GitHub](#) | [LinkedIn Profile](#)

EDUCATION

Berea College, Berea, KY   **Expected**: May 2027
Major: B.A Computer and Information Science   Minor: **B. A.** Economics   **GPA:** 3.96/4.0

HONORS & AWARDS: Berea College Full Tuition Scholarship ($200,000), Class of 1942 Scholarship Recipient (Berea College), Dean's List (Fall 2023-Present), Bridge Conference Scholarship Recipient, Emerging Scholar (Berea College)

AFFILIATIONS AND SKILLS

- **Affiliations:** National Society of Black Engineers (NSBE), Google Developer Club, Code Path, ColorStack
- **Programming languages:** Python, C++/C, JavaScript, Bash, SQL
- **Web Technologies:** HTML, CSS, Bootstrap, Jinja, jQuery, Flask, Docker
- **Relevant Coursework:** Software Design and Implementation, Data Structures and Algorithms, Calculus I (Spring 2024), Introduction to Web Development, AP Calculus, Macroeconomics, Electricity and Electronics, Microeconomics (Fall 2024)
- **Software:** Git, GitHub, Visual Studio Code, PyCharm, WebStorm, CodeBlocks, GitHub Actions, **Linux**
- **Certifications: J.P Morgan Chase & Co.** Software Engineering Job Simulation, CodePath Technical Interview Prep.
- **Interests/ Other Skills:** Debugging, Microsoft Excel, Agile Methodologies, Time Management, Problem Solving, Critical, Thinking, Teamwork, **Guitar Player**

PROFESSIONAL EXPERIENCES

Full Stack Software Engineer Intern, Berea College   **June 2024 - Present**
- Designed and developed web applications for Berea College's CELTS department to serve **1600** + students and **300+** faculty, in a team of 14 interns.
- Used the agile methodology, utilizing technologies such as Flask, Python, Jinja, JavaScript, HTML, Bootstrap, CSS, and AJAX while integrating in **LINUX** environments.
- Collaborated in different teams using the teletype feature in Atom to design test code and fix bugs in the application.
- Lead scrum meetings to discuss the accomplishments and the progress of current projects.

J.P. Morgan Software Engineering Virtual Experience on Forage   **May 2024**
- Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.
- Set up a local dev environment by downloading the necessary files, tools, and dependencies.
- Fixed broken files in the repository to make web application output correctly.

Lab Assistant, Berea College, Berea, KY.   **August 2023– Present**
- Acquired hands-on technical training at the electronics lab, enhancing practical knowledge and skills in C++ for Arduino Control.
- Collaborated with a team of **3+** to design and manufacture an RC car, focusing on team-based problem solving and innovative design.
- Utilized Eagle Software to design and cut PCB's, ensuring precision and functionality in electronic components.

ETAD 265 TA (Electricity and Electronics).   **August 2023 -Present**
- Facilitated office hours for 100+ students, enhancing their understanding of use of Arduino and Raspberry Pi through clear explanations, diagrams, and code walkthroughs.
- Provided support to 100+ students with their assignments and explained challenging concepts related to electricity, including voltage, current and resistance.

LEADERSHIP/EXTRACURRICULAR ACTIVITIES

Membership Chair, Berea Chapter of NSBE, Berea KY   **May 2024- Present**
- Managed club membership records, ensuring accurate and up-to-date member records.
- Served as the point of contact for prospective and current members, providing information about club activities and benefits.
- Implemented strategies to increase member involvement and participation in club events and initiatives.

Technology Director, African Students Association, Berea KY   **May 2024- Present**
- Setup ticketing and registration processes for events, streamlining attendance management and collecting valuable data.
- Utilized technology to coordinate with other organizations and showcased the diverse perspectives and cultures celebrated on campus.

PERSONAL PROJECTS

Family Appreciation Website   **April 2024**
- Created a user-friendly platform where **20+** students at my college could send heartfelt messages to their loved ones using (HTML, CSS, JavaScript, and FormSpree API).
- Improved user satisfaction by 20% by conducting user research and user feedback through surveys and one on one interviews.

Quiz Game Application   **May 2024**
- Developed an interactive quiz game application for **15+** students in my class using Python and Tkinter GUI library.
- Implemented a user-friendly interface for displaying answer choices using a python module called ttkbootstrap for styling.
- Boosted game application performance by 30% by utilizing the PIL library to load and display images for each question.