Adewole Adeoshun

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Education

Queens College, City University of New York(CUNY)   **New York, NY**
Bachelors in Computer Science   **Expected May. 2025**
Relevant Coursework: *Object Oriented Programming Java*, *Object Oriented Programming C++*, *Discrete Structures*, *Calculus II*,*Assembly Language*,*Algorithmic Problem Solving*

Skills

Operating Systems: Apple Macintosh OSX, Microsoft Windows OS,Linux
Programming Languages: C++, Java, JavaScript,Node.js,React,HTML,CSS
Spoken Languages: Fluent in Yoruba, Elementary in Spanish, Professional in English

Experience and Leadership

StemKASA   **Remote**
Software Development Intern   **Feb. 2023 - Jul. 2023**

- Implemented JavaScript automation to design and develop a user-friendly waitlist webpage for StemKasa, enhancing user engagement and interaction.
- Deployed MongoDB shell and Node.js data manipulation techniques during website development, resulting in a 15% increase in data retrieval speed and accuracy.
- Systematically employed React to create the front-end email subscription form, sending data to the back-end server. This resulted in a weekly increase of over 110 subscribers, enhancing user engagement.
- Leveraged Node.js to build web servers and APIs, leading to a 25% improvement in an overall system performance and response time.

Queens College   **New York, NY**
Corner Pocket(College Rec Center)   **Feb. 2023 - May. 2023**

- Managed daily operations of a small college recreation center, overseeing activities such as 8ball and ping pong, ensuring smooth functioning and visitor satisfaction
- Facilitated a welcoming and friendly environment for students and staff, honing interpersonal skills through constant interaction and communication
- Coordinated event scheduling, ensuring optimal utilization of resources and adherence to college policies and procedures
- Provided excellent customer service to visitors, adeptly handling inquiries, resolving conflicts and maintaining an amicable environment.
- Utilized conflict resolution skills, resolving disputes between participants in a fair and consistent manner to ensure a harmonious environment

Olly Contractors   **New York, NY**
Information Technology Support Technician Intern
Jul. 2023 - Sep. 2023

- Acquired comprehensive knowledge in troubleshooting software and hardware issues by utilizing debugging techniques, conducting cable tests, and seeking assistance from vendors when necessary.
- Developed expertise in diagnosing and resolving a wide range of software problems, enabling the provision of effective recommendations for corrective actions to clients and team members.
- Demonstrated proficiency in cable management practices, ensuring organized and efficient cable connections for RJ45 and keystones.
- Assisted in the basic administration of phone and voicemail systems for the site, collaborating with the team to complete various tasks and responsibilities as assigned.
- Developed skills in the installation of software and hardware devices to enhance system functionality and ensure streamlined operations.

Projects

Java Character Count - *CUNY Queens College*
- Created an interactive Java-based application that enables users to input sentences for character frequency analysis.
- Implemented a user-friendly interface using JOptionPane.showInputDialog() to collect sentence inputs.
- Employed Java's String class and the charAt method to systematically examine each character in the input text.
- Developed robust counting algorithms to determine the occurrences of both uppercase 'E' and lowercase 'e' within the provided text.
- Utilized JOptionPane.showMessageDialog() to convey character frequency results clearly to the user, presenting distinct counts for both uppercase and lowercase 'e'.
- Implemented a structured loop mechanism to allow users to interact iteratively, disregarding case sensitivity for the termination keyword "Stop."
- Ensured user-centric design, accommodating various case styles and facilitating multiple interactions.

File Management & Exception Handling Java Project - *CUNY Queens College*
- Implemented a File Menu in GUI, featuring Open (to read and display files) and Quit options. The FileMenuHandler class manages menu events for improved user interaction.
- Enhanced exception handling by extending IllegalArgumentException. The program utilizes try/catch to identify and display problematic instances in the console.
- Utilized ArrayLists for efficient storage of unsorted and sorted objects.Employed Collections.sort() for streamlined sorting.
- Replaced traditional sorting algorithms with the Collections.sort() method, significantly improving the overall efficiency and speed of the program.
- Compiled the project into jar file for easy submission, enhancing efficient organization of required files.
- Demonstrated a commitment to code quality by ensuring clarity, organization, and judicious use of comments for enhanced debugging capabilities facilitating easy understanding of the code.