Sidney Sykes

Marks, MS | (662) 388-1581 | sykess.1915@gmail.com
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Summary

Organized, successful, and dependable Technology Analyst who can manage multiple priorities with a strong work ethic and positive attitude. Willingness to take on added responsibilities to meet team goals.

Education

The University of Mississippi   **Master of Science in Engineering Science – Computer Science Emphasis**
University, MS   3.67 GPA, Graduation: May 2023

The University of Mississippi   **Bachelor of Science in Computer Science**
University, MS   3.27 GPA, Graduation: December 2020

Northwest Mississippi Community College   **Associate of Arts in Computer Science**
Senatobia, MS   3.50 GPA, Graduation: May 2018

Skills

- **Technical:** CSS3, Debugging, HTML5, Java, JavaScript, PHP, Python, React.js, SQL, and Troubleshooting
- **Software:** Eclipse, IntelliJ, Microsoft Office, Microsoft SQL Server, MySQL, PhpMyAdmin, and Visual Studio Code
- **Soft:** Active-Listening, Adaptive, Creativity, Enthusiastic, Leadership, Management, and Teamwork

Professional Experience

The University of Mississippi Department of Computer and Information Science   **Graduate Teaching Assistant**
University, MS   August 2021 – Present

- Tutor students with bi-weekly projects to expand their understandings of object-oriented programming.
- Diagnose and grade projects to track students' progress and demonstration.
- Collaborate with the course instructor to keep the weekly pace of the course.

The Louis Stokes Mississippi Alliance for Minority Participation Program   **Upperclassmen Mentor**
University, MS   August 2021 – Present

- Mentor mentees in the IMAGE Program with successful navigation through the semester.
- Document mentees' progress to ensure that they are successful in their rigorous courses and personal life.
- Collaborate with the program coordinator to discuss options for mentees.

Milwaukee Tool   **WMS Intern**
Olive Branch, MS   June 2022 – August 2022

- Prepared and submitted reports and other documentation to assist development team members with SQL Server and HighJump.
- Shadowed team members to learn new tasks and how to appropriately handle technical issues.
- Analyzed source code to identify functionality issues.
- Coordinated project tasks among multiple departments to complete tickets to diagnose and solve technical issues.

Ole Miss Premium Service   **Gameday Student Worker**
University, MS   September 2018 – August 2020

- Adhered to company policies, safety procedures, and performance standards.
- Offered exceptional customer service to all guests.
- Generated reports of findings to help management with making key decisions.

Presentations

The Mobile Biometric Testing Project   **Researcher**
University, MS   March 2022 – May 2022

- Tested the vulnerability of biometrics feature in mobile security with artificial fingerprints from different raw materials.
- Used the front-screen camera and the biometric fingerprint scanner on an Android mobile device.
- Researched and determined the different possible security attacks involved and solutions to prevent further hijacking.

The Comparison of Pseudonymization and Other Techniques in Data Anonymization   **Researcher**
University, MS   October 2021 – December 2021

- Tested the vulnerability of a dataset by the U.S. Department of Health and Human Services Office for Civil Rights to compare data anonymization techniques.
- Used the Microsoft SQL Database Management System to query through the data and evaluate different techniques for possible efficient attacks.
- Evaluated different strategies and solutions to prevent further attacks.

The Interactive Project of the National Society of Black Engineers   **Web Developer**
University, MS   January 2020 – May 2020
- Mastered emerging technologies to offer technical direction and creative solutions.
- Collaborated with a sponsor to build a successful website for the Ole Miss NSBE Chapter.
- Designed and implemented web components across new and existing designs.
- Analyzed, prioritized, and problem-solved several tasks concurrently with minimum supervision.

Food Delivery Application   **Front End Developer**
University, MS   January 2019 – May 2019
- Collaborated with stakeholders during development processes to confirm creative proposals and design best practices.
- Managed full-cycle design tasks, handling all phases from conception to completion while maintaining guidelines throughout.
- Worked in Agile-driven environment to effectively maintain project timelines and utilize available resources.
- Verified all web-based products fulfilled prescribed project needs through direct interaction with stakeholders.

Volunteer Work

The Big Event   **Team Member**
University, MS   March 2019, April 2022
- Devoted a weekend in the spring semester to serve the Oxford-Lafayette-University Community.
- Guided team of four members to completion of a landscaping project.
- Fellowshipped with community members and other team members about projects.

Marks Youth Outreach, Incorporated   **Volunteer Coach**
Marks, MS   June 2021 – August 2021
- Encouraged everyone to cultivate a strong work ethic by demonstrating diligence, patience, and respect for others.
- Conferred with assistant coaches to determine weaknesses in the current team roster and develop recruitment plans.
- Motivated athletes to become stronger, more agile, and more effective through training habits and proper nutrition.

The Ole Miss Chapter of the National Society of Black Engineers   **Vice President**
University, MS   September 2020 – May 2021
- Collaborated with the President and fellow executive board members with decision-making.
- Informed the chapter about conferences, on-campus news, and employment opportunities.
- Promoted events and meetings for local and national memberships.

The Boys and Girls Club of North Mississippi   **Volunteer**
Oxford, MS   October 2018 – December 2020
- Remediated three to five students with homework assignments.
- Mentored students about positive decision making.
- Assisted students with short-term and long-term goal planning.

The Black Student Union Service Project   **Team Member**
New Albany, MS   April 2019
- Devoted a weekend in the spring semester to serve the New Albany Community.
- Collaborated with the New Albany Community Development and other leaders about suggestions for recreations, educational activities, and town improvement.
- Guided team of five members to completion of a cleaning project in the Union County Heritage Museum.

The Strawberry Plains Audubon Center Hummingbird Festival   **Team Member**
Holly Springs, MS   August 2018
- Devoted a Friday in the fall semester to serve the Holly Spring, Mississippi Community.
- Guided a team to completion of a festival setup.
- Fellowshipped with festival participants and other Luckyday Scholars about projects.

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Professional Associations

- A-OK Toastmaster Club of Memphis, TN
- Association for Computing Machinery
- Black Student Union
- LSMAMP IMAGE Program
- Men of Excellence
- National Society of Black Engineers
- Ole Miss Coding Club
- Phi Theta Kappa Honor Society
- Phi Sigma Theta National Honor Society
- University of Mississippi Black Graduate Student Association
- Upsilon Pi Epsilon Honor Society