

# Sidney Sykes

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

LinkedIn: linkedin.com/in/sidney-sykes | GitHub: github.com/samsidmm2 | Portfolio: samsidmm2.github.io/

## Summary

Organized, successful, and dependable Engineering Science graduate student 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**  
University, MS

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

**The University of Mississippi**  
University, MS

**Bachelor of Science in Computer Science**  
3.27 GPA, Graduation: December 2020

**Northwest Mississippi Community College**  
Senatobia, MS

**Associate of Arts in Computer Science**  
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**  
University, MS

**Graduate Teaching Assistant**  
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**  
University, MS

**Upperclassmen Mentor**  
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**  
Olive Branch, MS

**WMS Intern**  
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**  
University, MS

**Gameday Student Worker**  
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**  
University, MS

**Researcher**  
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**  
University, MS

**Researcher**  
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.

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## **The Interactive Project of the National Society of Black Engineers**

University, MS

- 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.

## **Web Developer**

January 2020 – May 2020

## **Food Delivery Application**

University, MS

## **Front End Developer**

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.

## **Honors and Scholarships**

### **University of Mississippi Graduate School Recruiting Fellowships and Scholarships Award**

- Awarded to graduate students who possessed academic excellence during their undergraduate career.
- Received Fall 2021

### **2020-2021 Who's Who Among Students**

- Awarded to students who possessed leadership and service qualities throughout campus.
- Received Spring 2021

### **University of Mississippi Dean's Honor Roll**

- Awarded to students who make a residential grade-point-average between 3.50 and 3.74 while accumulated twelve graded hours.
- Received in Spring 2020 and Fall 2020

### **Men of Excellence Unsung Champion Award**

- Presented to a Men of Excellence member who participated in various activities and rarely receives recognition for his work behind the scenes.
- Received in Spring 2020

### **Upsilon Pi Epsilon Honor Society**

- An honor society to computing/IT majors who demonstrated academic excellence and integrity.
- Received in Spring 2020

### **National Society of Leadership and Success**

- An honor society to scholar who demonstrated academic excellence, integrity, and leadership during tenure in their respective university.
- Received in Spring 2019

### **Phi Theta Kappa Scholarship**

- Amount of \$16,000 presented to Phi Theta Kappa members who transferred from community college.
- Received in Fall 2018

### **Ole Miss Luckyday Community College Scholarship**

- Amount of \$10,000 presented to in-state community college transfers who demonstrate financial needs.
- Received in Fall 2018

### **Tennessee Valley Authority STEM Scholarship**

- Amount of \$2,500 presented to community college students who are STEM majors.
- Received in Spring 2018

### **Northwest Mississippi Community College Vice President's List**

- Awarded to students who make a grade-point-average between 3.50 and 3.74.
- Received in Fall 2017

### **Northwest Mississippi Community College Outstanding Student in Computer Science**

- Awarded to a student who demonstrates exceptional academic excellence within the Computer Science department.
- Received in Fall 2017

### **Phi Theta Kappa Honor Society**

- An honor society to community college students who earned a cumulative 3.50 grade-point-average during induction.
- Received in Fall 2017

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## Northwest Mississippi Community College Presidential Scholarship

- Amount of \$3,600 presented to incoming Northwest Mississippi Community College freshmen.
- Received in Fall 2016

## Volunteer Work

### The Big Event

University, MS

- 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.

### Team Member

April 2022

### Marks Youth Outreach, Incorporated

Marks, MS

- 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.

### Volunteer Coach

June 2021 – August 2021

### The Ole Miss Chapter of the National Society of Black Engineers

University, MS

- 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.

### Vice President

September 2020 – May 2021

### The Boys and Girls Club of North Mississippi

Oxford, MS

- Remediated three to five students with homework assignments.
- Mentored students about positive decision making.
- Assisted students with short-term and long-term goal planning.

### Volunteer

October 2018 – December 2020

### The Black Student Union Service Project

New Albany, MS

- 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.

### Team Member

April 2019

### The Big Event

University, MS

- 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.

### Team Member

March 2019

### The Strawberry Plains Audubon Center Hummingbird Festival

Holly Springs, MS

- 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.

### Team Member

August 2018

## 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