(615) 598-2883 | djs701@msstate.edu

#### **EDUCATION**

#### **Bachelor of Science in Electrical Engineering**

Fall 2021 - Fall 2024

Mississippi State University, Starkville, MS

Mississippi University for Women, Columbus, MS

Cumulative GPA of 3.85

#### **WORK EXPERIENCE**

# Naval Surface Warfare Center, Dahlgren, VA

**Summer 2023** 

Paid Internship as a radar engineer.

• Worked on Future X-Band Radar in the Sensor Data Analysis Branch. Relocated to Dahlgren, Virginia for summer.

#### Center for Advanced Vehicular Systems, Starkville, MS

Summer 2022 - Fall 2023

Student worker under Dr. John Ball.

• Reprogrammed GPS sensors for autonomous military vehicles. Part-time work while still a full-time student.

#### **TECHNICAL SKILLS**

Microsoft Certified in programming in HTML & CSS.

Experienced in Microsoft Word, Excel, and PowerPoint.

Experienced with Arduino programming and soldering.

Experienced with programming in C, C++, and Python.

#### **CAMPUS INVOLVEMENT**

Member of Tau Beta Pi Engineering Honor Society.

Member of Omicron Delta Kappa National Leadership Honor Society and Phi Kappa Phi Honor Society.

Student in Day One Leadership Community and scholar in Montgomery Leadership Community.

Student in Shackouls Honors College.

Member of Institute of Electrical and Electronics Engineers.

Member of CubeSat satellite design team.

Student in Baptist Student Union.

## **HONORS & ACCOMPLISHMENTS**

Chosen as the recipient of the Montgomery Leadership Program Scholarship Award for 2023

Named to President's List at Mississippi State University.

Selected for MUW National Society of Leadership and Success.

Attended Mississippi Governor's School class of 2019.

1<sup>st</sup> high school junior to be accepted as a full-time honors student at Mississippi University for Women.

Named high school valedictorian at Heritage Christian Academy.

### **VOLUNTEER EXPERIENCE**

Led student group to accomplish multiple improvement projects at Camp Seminole including building and painting a gaga ball pit, marking a 3-mile hiking trail, assembling monkeybars, and de-rusting and painting benches and a swingset.

Started and organized a backpack program at Mt Vernon Church to provide food every weekend for New Hope Elementary school students in food insecure homes.

Teach weekly 3<sup>rd</sup>-5<sup>th</sup> grade boys' class at Mt Vernon Church.