

# Jade Geiselman

Starkville, MS

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## Education

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### **Bachelor of Science in Electrical Engineering; Minor in Mathematics**

- Expected graduation: May 2024
- Mississippi State University, Starkville, MS
- 3.78/4.00 GPA
- Enrolled in Shackouls Honors College
- Provost Scholar

## Experience

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### **Co-op Program – Leidos**

**May 2022 - Present**

- Designing the schematic and materialization of a multi-channel load bank that recycles hardware from previously unused load banks to save on heatsink, resistor, cable, and terminal block costs
- Creating a work instruction document to outline the modifications to be made to existing, unused load banks (mentioned above) to make them fit updated requirements
- Configuring locator beacon and flasher hardware for remote asset location
- Collecting triple-axis Helmholtz coil data for sensor calibration
- Developing and executing test procedures for a wide range of PCB functionalities
- Basic circuit design and simulation in Altium, Visio, and Multi-Sim
- Conducting market research for PCB components to be used in new designs or to replace obsolete parts in existing designs
- Sourcing rack mount/enclosure fittings, hardware for design integration, etc.

### **Periscope Lab Undergraduate Research - Mississippi State University**

**August 2021 – Present**

- Developing a virtual reality based training simulation for power wheelchair operation using a Meta Quest 2 headset, Blender software, and Unity software

### **Information Assistant – MSU Department of Housing and Residence Life**

**March 2021 - September 2023**

- Fielded resident and visitor questions regarding campus directions, package deliveries, game-day procedures, and university policies
- Worked with staff supervisor to increase community engagement among residents by putting weekly white-board polls next to front administration desk
- Enforced university policies and procedures relating to COVID-19
- Upheld the Family Educational and Privacy Rights Act (FERPA)

### **To-Go Specialist – Texas Roadhouse**

**May 2021 – July 2021**

- Recorded and processed to-go orders with a highly diverse team of co-workers from varying backgrounds
- Developed excellent communication and customer service skills as well as the ability to work efficiently in a fast-paced environment

### **Cashier – Winn Dixie**

**May 2021 – July 2021**

- Greeted and assisted customers while providing accurate and timely transaction processing