

[ SYSTEM CHECK ]  
> KERNEL: OK  
> UPTIME: 18 YEARS  
> BUILD: RESUME

IMG\_SRC: LAMBERT



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📍 Marietta, GA

## COURSEWORK

### [MATHEMATICS]

Multivariable Calculus (GT)  
Linear Algebra (GT)  
AP Calculus BC  
AP Calculus AB  
AP Precalculus

### [PHYSICS]

Advanced Physics Robotics  
AP Physics C: E&M  
AP Physics C: Mechanics  
AP Physics 1

### [ENG & COMPSOI]

Aerospace Engineering  
Intro to Engineering  
AP Comp Sci Principles

### [SCIENCES]

Magnet Chemistry  
Magnet Biology  
AP Environmental Sci

## TECH STACK

### [HARDWARE SKILLS]

Circuit Design / Wiring  
RF Sensors  
Digital Signal Processing  
Python  
Prototyping

## AWARDS/HONORS

### [STANDARDIZED METRICS]

SAT **1500** (790 Math)  
PSAT **1460** (Perf. Math)  
GPA **4.4/4.0**

### [COMPETITION DATA]

**1st Place** – GT/NASA Payload Competition  
30+ teams statewide  
**3rd Place** – Cobb County Math Competition  
~150 competitors  
**Top 5** – GT Physics Competition  
~75 competitors  
**Top 5%** – GA State Math Competition  
~340 schools

# JACK LAMBERT

## FUTURE HARDWARE ENGINEER

REF: LAMBERT-01  
STATUS: ACTIVE  
LOC: MARIETTA, GA

**SYSTEM DIAGNOSTIC:** I'm Jack, a senior in the magnet program at Wheeler High School who loves everything hardware engineering. I have a proven ability to lead large teams seen through my experience with Physics Team and my time as the Engineering Lead for our award-winning NASA payload.

## LEADERSHIP

### GT Research Institute

STEM Intern (Quantum Systems)

📅 Summer 2024 // 📍 Cipher Labs

Engineered functional [Theremin](#) and [Wi-Fi Detector](#) utilizing advanced circuit design principles in a team of 5 people. The year I applied there were roughly 4,000 applications with only 70 being selected as summer interns.

### GT/NASA Payload Comp

Engineering Lead

📅 2024 -- 2025 // 📍 Atlanta, GA

Led 10-person engineering team to construct high-altitude signal detectors mapping GPS/Wi-Fi blind spots via RF Sensors. **Won 1st in State.** You can read more about the project [Here](#)

### Wheeler Physics Team

Founder & Varsity President

📅 2023 -- Present // 📍 Marietta, GA

Founded organization reaching over 100 students. Create and present varsity presentations, oversee **40+ weekly members**, manage JV team, and organize logistics for competitions. Secured sponsorship from Burts Bees.

### Wheeler Math Team

Team Captain

📅 2023 -- Present // 📍 Marietta, GA

Organize competition logistics, create and present presentations for weekly meetings, and answer high level math questions. Secured corporate sponsorship from **Jane Street**. Led team to top 5% bracket in GA.

### Magnet Ambassadors

President

📅 2023 -- Present // 📍 Marietta, GA

Selected by administration to run outreach for our school's magnet program. Coordinate large-scale outreach events, select future ambassador cohorts, and facilitate Q&A panels for prospective students and parents.

### Wheeler Inclusive Network

President

📅 2022 -- Present // 📍 Marietta, GA

Design and execute integrated events for special education students; facilitate craft activities, and maintain communication with faculty sponsors.

## EXPERIENCE

👑 **Chess Club (President):** Organized tournaments, recruited members, and directed weekly meeting logistics.

🚒 **STEM Camp Counselor:** Supervised K-5 campers; fostered an engaging environment for engineering concepts.

🚚 **Steak Delivery:** Professional delivery of perishables; inventory management and client relations.

👷 **Service Volunteer:** Hurricane relief in Asheville, NC; Non-profit refurbishment in Nashville, TN.