

Gavin W. Tarver

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Education

Louisiana State University, Baton Rouge, LA **May 2029**

Bachelor of Science in Mechanical Engineering

Minor: Aerospace Engineering

Related Coursework: AP Computer Science, Intro to Computational Thinking, Advanced Robotics, Principles of Engineering

Experience

Intern

Merrill Lynch, Frisco, TX

Jun 2025

- Shadowed financial advisors to understand client relationship management and investment processes.
- Learned strategies for professional networking and effective client engagement.
- Observed financial planning practices to strengthen business acumen.

Intern

Iron Core Strength, Conroe, TX

May 2025 – Jun 2025

- Applied fundamentals of welding, metal cutting, and milling to fabricate structural components.
- Gained hands-on experience with industrial equipment, emphasizing precision and safety.
- Developed technical skills in machining processes through supervised projects.

Back Wait, Food Runner, Barback

Ruffino's Italian Restaurant, Baton Rouge, LA

May 2024 – May 2025

- Supported restaurant operations by bussing tables, resetting dining areas, and running food during peak service.
- Assisted bartenders with preparation and bar maintenance to improve customer experience.
- Recognized as *Worker of the Week* for strong work ethic and reliability.

Lead, FIRST Robotics Competition

MSAEast Knightling Bolts / Squire Squad, St. Gabriel, LA

Aug 2019 – May 2025

- Led a student team in designing and building a competition-ready robot, integrating mechanical, electrical, and programming systems.
- Coordinated tasks across subteams to ensure deadlines were met and designs aligned with competition rules.
- Applied problem-solving under pressure to troubleshoot mechanical failures during matches.
- Directed team strategy and engineering design for autonomous and driver-controlled robots.
- Mentored teammates in CAD modeling, coding, and competition strategy.

Cook

Istrouma Eatery and Brewery, Saint Gabriel, LA

Oct 2022 – Apr 2024

- Prepared pizzas and entrees in a fast-paced kitchen, maintaining food quality and consistency.
 - Managed multiple tasks simultaneously, from cooking to plating and running food, ensuring timely service.
 - Adapted quickly to new responsibilities, contributing to team efficiency.
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Skills and Activities

- **Technical:** Python, Robotics Design, Metal Fabrication (Welding, Milling, Cutting)
- **Powerlifting Club** — Competed at the club level, demonstrating discipline, consistency, and goal-setting.