

# Brandon McAllister

5230 Meadowlark Glen Ln.  
Winston-Salem, NC, 27106  
(336) 813-1232 - brandon.mcallister33@gmail.com

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## Objective

Dependable, self-motivated, hardworker seeking a Mechanical Engineering job

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## Education

### NC State University, Raleigh, NC

- **Mechanical Engineering Major, Business Administration Minor**
  - August 2019 – Present
  - 3.634 GPA
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## Experience

### Parker Lord Mechanical Engineer Intern

- January 2022 - Present

### Baja Club NCSU – Junior Suspension Lead

- August 2020 – Present

### NC State IT

- August 2021 – December 2021
- Update and maintain hardware and software dealing with classroom audio, lighting, speakers, processors, cameras, projectors, computers, and miscellaneous hardware.

### Advance Auto Parts, Winston-Salem – Salesperson

- September 2020 – August 2021
- Diagnose customers' problems and sell them the correct part or recommend where to get the right solution. I also maintained inventory and was a closing manager.

### Southern Fasteners & Supply Company, Winston-Salem – Intern

- June 2019 – August 2019
  - Tracked, inspected, and managed the location, quality, and quantity of inventory
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## Skills

- MATLAB and Java proficient
  - SolidWorks CAD design proficient
  - Microsoft Office and Google Drive proficient
  - Automotive modification and maintenance
    - Installing suspension parts: coil overs, lower control arms, brake pads, panhard bar
    - Replacing fluids: brake fluid, transmission fluid, gear oil
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## Projects

### NCSU SolidWorks, 3D modeling a Ratchet Wrench

- CAD 3D models and drawings parts and assembly

### NCSU MATLAB coding, various coding projects and concepts

- Minesweeper design project
  - Data structures
  - Imagery manipulation
  - Text parsing and plotting project
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## Awards

- The National Society of Leadership and Success Member (2021-Present)
- Pi Tau Sigma Member (2020-Present)
- NC State University Dean's List (2019-2020)