

# Wyatt Barnes

Cary, North Carolina  
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## ABOUT ME

Bachelor of Science in Mechanical Engineering Technology looking for a job in electric vehicles, manufacturing, or as a technician

## ACADEMIC PROJECTS

- **Belmont Trolley Battery Cart**
  - Part of the mechanical team tasked with the creation of a braking and clutch system on a prototype semi-autonomous battery cart used to power historical trolleys in Belmont, N.C.
- **3D design and fabrication of a steam engine using SolidWorks**
  - Designed a piston, crankshaft, and cylinder for the project using a reference image that was scaled for the teams' purpose

## EMPLOYMENT

### NASCAR Racing Experience, Harrisburg NC-Tire Manager/Buckler

January 2022- May 2022

- Tire Manager
  - Directed operations in the tire bay, specializing in the refitting of racing tires
- Buckler
  - Worked on the track, inspecting tire wear for safety as well as giving instructions to "student" drivers
  - Accustomed to traveling long distances

### NAPA Auto Parts, Harrisburg NC-Driver

October 2021- January 2022

- Driver
  - Driving back and forth between the Hendrick dealers as well as some shops around the area and building connections with new customers

## EDUCATION

### University of North Carolina at Charlotte, Charlotte NC

June 2019- May 2024

- Bachelor of Science in Mechanical Engineering Technology
  - Proficient in use of Solidworks, machining equipment, Microsoft Project, Microsoft Visio, Microsoft Excel, Engineering Equation Solver, MATLAB, and organization of project materials

## SKILLS

- Skilled at working with and manufacturing mechanical components
- A good team player with leadership role experience

## AWARDS

- Eagle Scout
- Graduated Cum Laude
- Accepted into the National Honor Society

## CLUBS AND COMMUNITY INVOLVEMENT

- Formula SAE
- First Lego League
- Science Olympiad
- Scouts