TEAM 3667 - MECANUM KNIGHTS

JOB TITLE: **CHASSIS / SUPERSTRUCTURE BUILDER**

GENERAL DESCRIPTION:

We are looking for a individual who is good with their hands to assemble pieces of aluminum into a finished robot that matches the designers' vision and is suitable for competition. Ultimately, a builder, will construct and test the physical robot that will dominate the competition

Our general responsibilities include:
- Gathering materials needed to produce the robot
- Designing and fabricating certain pieces as needed
- Assembling a robot that meets the requirements of the competition
- Producing a resilient robot that is easily repaired or modified
- Ensure that the robot is functional and physically stable
- Ensuring that our work environment is safe

KEY SKILLS :

- Good motor skills and spatial awareness (always having a idea of what else is going on in the shop)
- Good work ethic, being serious while working and showing initiative
- Experience working with machinery is a plus (ex. Drill press, band saws, chop saws, etc.)

- Good time management
- Good communication and social skills
- Being focused (this is because you are dealing with machinery that are possibly dangerous)
- Problem solving skills

DETAILED JOB DESCRIPTION:

Robot Build
- Gathering pieces and parts
- Use hand and electrical tools
- Changing and fabricating parts as needed
- Assembling parts according to designs
- Prototyping
- Testing the robot

Operating Machinery
- Wearing all protective safety gear
- Learning how to properly use all equipment
- Make sure that the item that your working on is secure

- Turning off and unplugging the machinery after use
- Maintaining the equipment (tightening, lubricating, repairing, etc.)

Sorting Materials
- Arrange materials by size and type
- Put materials into correct areas

Cleaning Shop
- Vacuuming / Sweeping the shop
- Cleaning your area after each day

POSITION FILLED

PERSON HIRED _____ DATE HIRED _____/_____/_____

ADDITIONAL COMMENTS
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