# A Shooter Mechanism: From Concept to Competition

By Mackenzie T (2073), Afraz H (2073), Gurvir K (2073), Matthew B (2073), Tanner W (2073)

#### Michael Papagni

- Team 1678 fabrication member
- Worked on shooter fabrication and assembly
- Member of 1678 for 3-½ years



# A SHOOTER MECHANISM CONCEPT TO COMP Gurvir "King of Safety" Kooner

- TEAM 2073 Programming Director
- Worked on Limelight and Shooter Calibration
- Software behind Shooter Related Mechanisms
- Member for 3 and half years







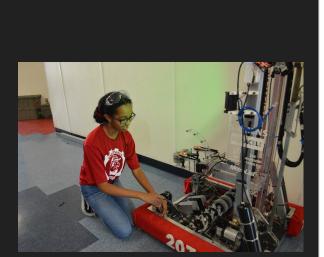
#### **Matthew Beaudin**

- Team 2073 programming Manager
- Worked on turret and limelight code and testing
- Worked on the wiring of the shooter related mechanisms
- A member of 2073 for around 3 and a half years



#### Mackenzie Tobertga

- Team 2073 Mechanical Director
- Worked on assembly, some design, and outreach
- Focused on CNC machining
- A member of 2073 for around 3 and a half years



#### **Tanner Wells**

- Alumni of Team 2073 (Class of 2020)
- Worked on robot design in 2020
- Worked on CNC machining in 2020
- Team member from 2017-2020