Advanced Autonomous Project Ideas

Projects

Initial Projects

- Complete Autonomous Routines
- Fill out SOP with directions about how to create Autonomous Routines with Choreo and pathplanner
- Continue to write clear SOP articles of your choosing.
- Improve the formatting/organization of the SOP
- Projects of your own proposal that are approved

Vision/Odometry Projects

- Make it so that the robot will move to a fixed distance from a moving april tag
- Connect a limelight and coral processor to move the robot to get closer and closer to an algae
- Projects of your own proposal that are approved
- Create Full Field odometry system for this year's robot
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Third Project

- Create a version of this years robot that is able to be driven in simulation
- Create wrappers a drivetrain in the manner of 6328
- One of the previous projects