

## Project Overview:

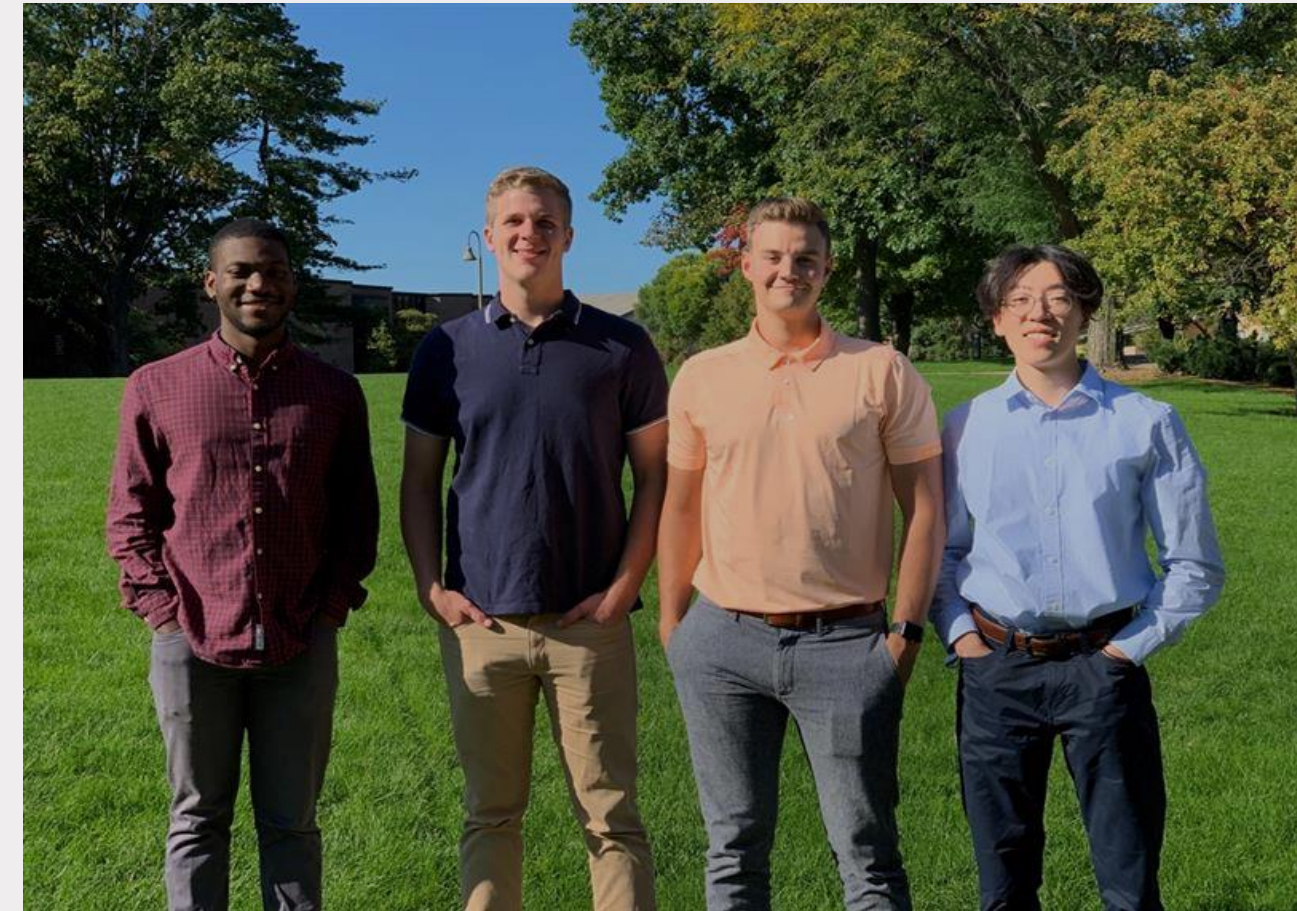
Team 13 is working on an embedded system that will connect cars and traffic lights via Bluetooth communication.

## Goal:

The goal of the system is to reduce the time spent waiting at traffic lights, without the need for an expensive underground sensor or camera system. The traffic lights will detect when cars are waiting at their intersections, as well as communicate to other traffic lights the current state of their intersection.

## Plan:

Team 13 plans to demonstrate this system by using line-following robots as cars and Raspberry Pi's to control the traffic lights in a 2x2 grid of intersections.



## Ephesians 2:10

“For we are his workmanship, created in Christ Jesus for good works, which God prepared beforehand, that we should walk in them.”

