DRONES FOR HUMANITY
Goals and Mission Statement

Our Goal: To design a drone capable of detecting forest fires and informing its operator of the location of a detected fire

Our Mission: To create an easy to use system to prevent the occurrence of a large-scale forest fire
A fleet of drones will be launched to survey a selected area. Those drones will use thermal imaging cameras to scan the landscape for exceedingly high thermal signatures. If a high temperature is detected, the drone will alert the operator of the issue so they can dispatch a team to extinguish.
Where Does CSE Come In?

- Scripts to run on a Raspberry Pi
  - Run a Thermal Imaging Camera
  - Analyze image for temperature
  - Send GPS location if temperature exceeds limit
Contact Us

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