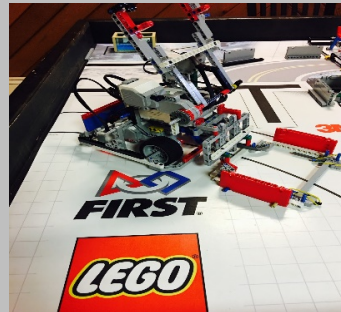


Animal Allies

A poem by Robochaps

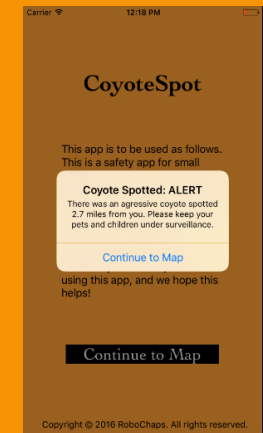
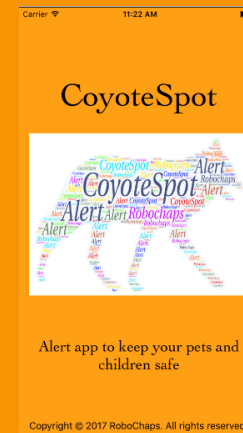
*Animal Allies we can be
With all creatures on land and sea
Coyotes once roamed this land
But, as our towns continue to expand...
where should the coyotes stay
and hunt for diminishing prey?
They should be scared when humans near
But constant contact, makes them lose fear
So if a coyote you see
Leash your dogs, wave your arms, sound your whistle...
...and safe you both will be*

The Robochaps- Animal Allies 2017 First Lego League (FLL)



We want to acknowledge all the people who gave us information and helped us - experts, our parents, our community. Thank you to FLL for giving us the opportunity to compete in such an awesome competition!

ROBOCHAPS



Coexisting Safely with Coyotes in Urban Areas



Urban expansion has increased Coyote conflicts with pets and humans

We want to share our learnings on how we can safely coexist with Coyotes and share our plan for a cool app that will help you keep your pets safe and avoid coyote conflicts

Who are we:

5th to 8th graders, who are participating in the FLL. FLL is a competition where kids build robots and complete a project. This year, the topic is 'Animal Allies'. We chose the topic of coyotes because it is important in our community.

Coyote Safety Tips

Simple precautions...

- Don't leave garbage outside
- Do not leave food outside for your pets
- Remember to keep your pets on leashes

Keeping coyotes away

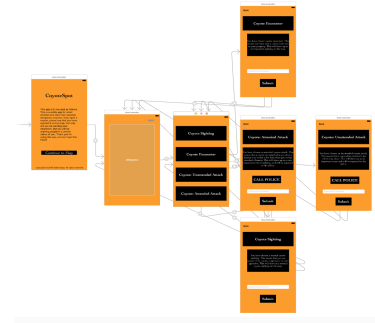
- 6 foot fences
- Small flashing lights
- Noise machines

If you encounter an aggressive coyote...

- Hazing (be big and loud, coyote whistles)
- Kevlar pet vests
- Pepper spray (be careful to not spray your pet)

CoyoteSpot

A mobile app that will give you a real-time alert of coyote spottings in your area



App uses geolocation to tag a spotting when you report it with a press of a button

It sends alerts to all users in a certain radius. Users can pre-specify their alert radius.

Please email us at robochaps@gmail.com with your feedback and if you would like to test our app (ready in 2017)