

## Search-and-Rescue Dog-Handler Interface

## Giancarlo Valentin, Clint Zeagler, James Crouch, Eric Kidder,

Animal-Computer Interaction Lab

School of Interactive Computing, Georgia Institute of Technology

SAR Dog-Handler Interface as seen on an Android HTC One





Your dog's current location.

Trail of where your dog has searched. This represents 5 meters in both (L&R) directions from your dog. The width changes as you zoom in and out.



Your dog's current location after activating vest.

FIC	00-SAR			🕈 🔏 🗖 7:44	
0	[33.7748	<b>≥</b> <b>Note</b> 8196, -84.3973431] Sor	nething here?	H	
L L		Georgia li of Techr	nstitute	Atth St Alla	Q
Tech	Ferst Dr Pkwy NW			odd Way NW	V
🔇 N	ormal 💉 Add N	ote 🗿 Handler	Stop	Clear Map	

Trail of where your dog has searched after activating vest. This represents 5 meters in both (L&R) directions from your dog. The width changes as you zoom in and out.

Marks the location where your dog activated vest. Touching the icon displays the coordinates of this location.

Displays the location of a note you wrote. Touching the icon displays the note's contents.



Compass





The dog is encouraged to find the victim and then return to the handler.

- Identified areas where technology could aid