

Project 4 Results

Computer Vision

CS 143, Brown

James Hays

Average Precision



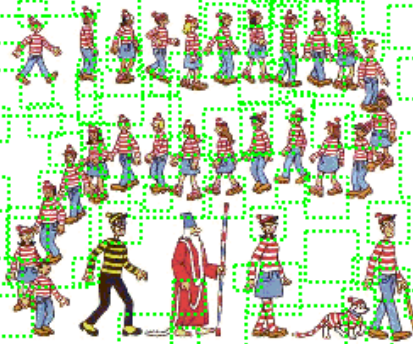
	?
	?
	?
	?
jlaskey	.929
jx30	.926
cgwhalen	.926
jshear	.926
eswu	.925
dkocoj	.924
xl76	.924
fya	.923
ayidi	.922
ccwang	.919
ltbarnes	.916
tl24	.915
tuo	.914
wang	.914
Ren	.912
jw19	.911
danielfernandez	.911
sphene	.908
fgao	.905
yunmiao	.904
peichmann	.903
szhang	.901

THE GOBBLING GLEETONS

ONCE UPON A TIME WALDO EMBARKED UPON A FANTASTIC JOURNEY FIRST AMONG A THRONUS OF GOBBLING GLEETONS. HE MET WIZARD WHITEHEAD WHO COMMANDED HIM TO FIND A SCROLL AND THEN TO FIND ANOTHER AT EVERY STAGE OF HIS JOURNEY. FOR WHEN HE HAD FOUND 32 SCROLLS, HE WOULD UNDERSTAND THE TRUTH ABOUT HIMSELF.

IN EVERY PICTURE FIND WALDO: WOOF BEET ALL YOU CAN SEE IS HIS TAIL, WENDA, WIZARD WHITEHEAD, ODLAW AND THE SCROLL. THEN FIND WALDO'S KEY, WOOF'S BONE (IN THIS SCENE IT'S THE BONE THAT'S NEAREST TO HIS TAIL), WENDA'S CAMERA, AND ODLAW'S BINOCULARS.

THERE ARE ALSO 32 WALDO WATCHERS EACH OF WHOM APPEARS ONLY ONCE SOMEWHERE IN THE FOLLOWING 32 PICTURES AND ONE MORE THING: IF YOU FIND ANOTHER CHARACTER, NOT SHOWN BELOW, WHO APPEARS ONCE IN EVERY PICTURE EXCEPT THE LAST?



"Natalie" Classifier

- <http://cs.brown.edu/courses/cs143/results/project4/nklotz/>



Average Precision

jte	.942
jl253	.938
psangkloy	.935
zyp	.932
jaskey	.929
jx30	.926
cgwhalen	.926
jshear	.926
eswu	.925
dkocoj	.924
xl76	.924
fya	.923
ayidi	.922
ccwang	.919
ltbarnes	.916
tl24	.915
tuo	.914
wang	.914
Ren	.912
jw19	.911
danielfernandez	.911
sphene	.908
fgao	.905
yunmiao	.904
peichmann	.903
szhang	.901

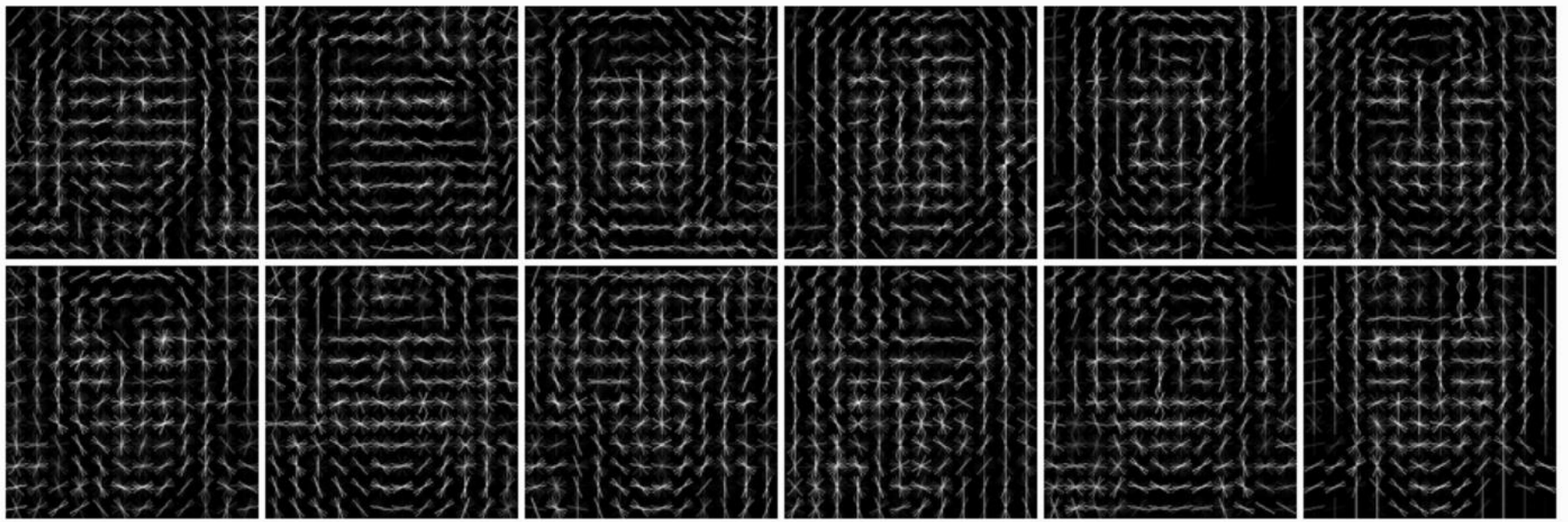


Figure 1. Visualization of positive features

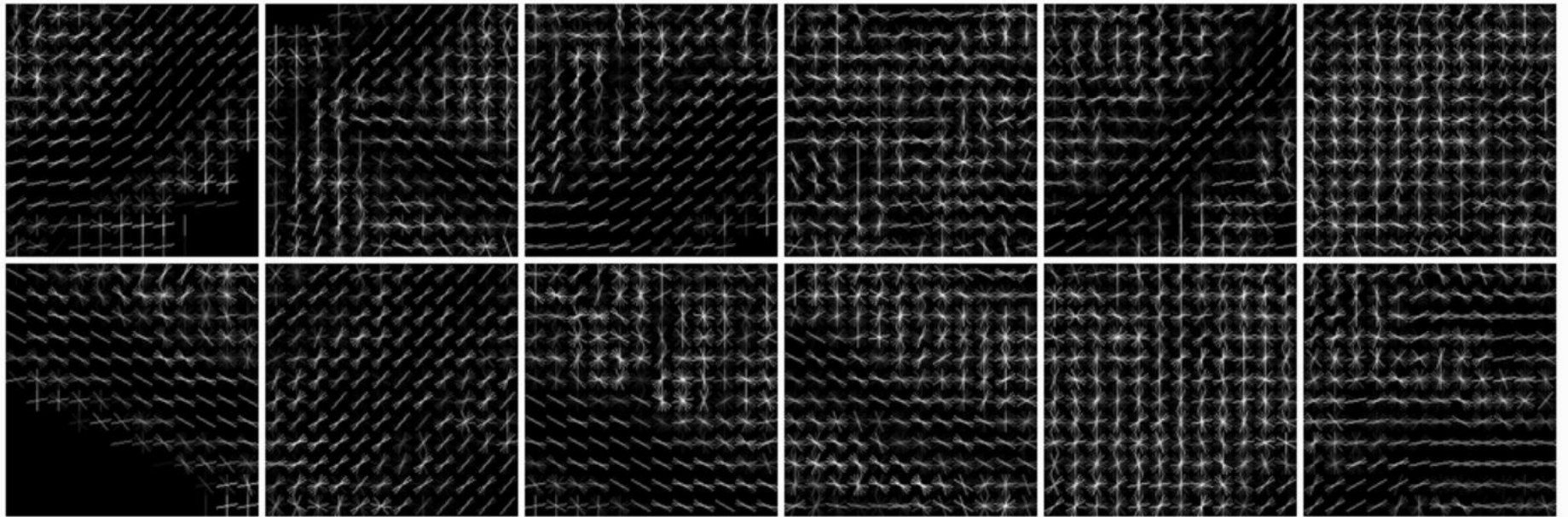
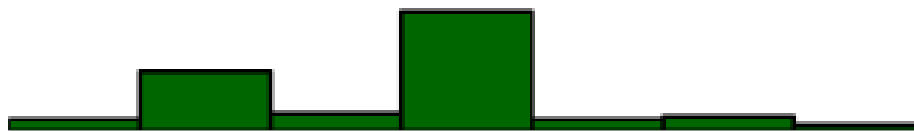
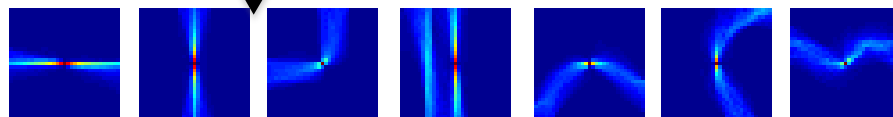
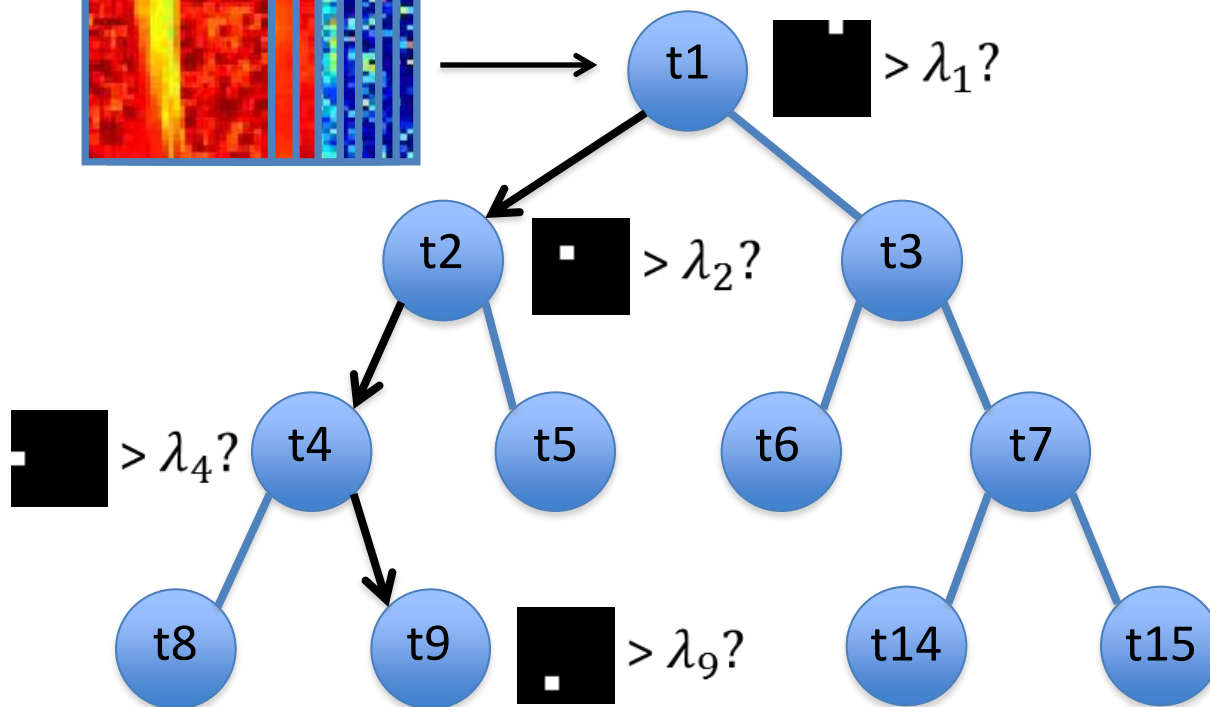
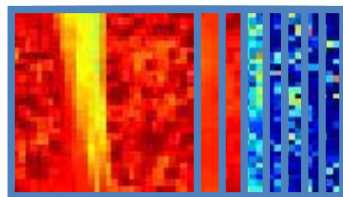
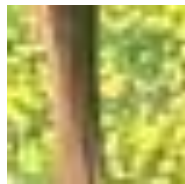


Figure 2. Visualization of negative features

Sketch Tokens: A Learned Mid-level Representation for Contour and Object Detection

Joseph Lim, C Lawrence Zitnick, Piotr Dollar
CVPR 2013



Today's lecture

- Project 5
- <http://cs.brown.edu/courses/cs143/proj5/>