

Comp Photography (Spring 2015)

HW 9

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Describe the Sites you chose

Site 1:

Phillips Academy, Andover, Massachusetts

High School Prep School

Site 2:

Holt Hill, Ward Reservation, Andover, Massachusetts

Highest point in Essex County, Massachusetts

Site 3:

Top of Half Dome, Yosemite, California

Site 1 (Photosynth image examples)



Site 1 (Photosynth) Screen shot



[Link to Walk at Phillips Academy](#)

Site 2: (Panorama)

I took a total of 388 photos as I cross-country skied to the top of Holt Hill stopping quickly every 10-30 seconds. I was hoping to use this as my photosynth. However, the software was unable to associate more than ~10 photos to form any cohesive journey. So, instead, I used the shots from the top of Holt Hill to generate a panorama.

FOV change: just less than 180°

Type: mercator projection

Software: ICE

Site 2 (Panorama image examples)



Resulting Panorama



[Link to Full Resolution](#)

What Worked (Photosynth)

- Using tripod as a single stick so it was easy to move and eyeball its orientation.
- Using tripod yaw to increment angle by fixed amount.
- Counting specified (6) paces between pictures.

Remaining Issues (Photosynth)

- This still caused the photosynth to place some images to the left or right that were really steps forward.
- Both <http://cdn1.ps1.photosynth.net/installer/2014-08-07/PhotosynthInstall.exe> and <https://photosynth.net/preview> used less than half of the photos (although the installed version said it was “100% synthy). So both were missing large portions of the planned path.