Alignment scores
$$e_{t,i,j} = f_{att}(s_{t-1}, h_{i,j})$$

$$e_{1,1,1} \mid e_{1,1,2} \mid e_{1,1,3} \mid e_{1,2,2} \mid e_{1,2,3} \mid e_{1,3,3} \mid e_{1,3,1} \mid h_{1,1} \mid h_{1,2} \mid h_{1,3} \mid h_{2,1} \mid h_{2,2} \mid h_{2,3} \mid e_{1,3,3} \mid e_{1,3,3} \mid e_{1,3,4} \mid h_{2,1} \mid h_{2,2} \mid h_{2,3} \mid e_{1,3,3} \mid e_{1,3,4} \mid e_{1,4,4} \mid h_{2,4} \mid h$$

h_{3,1}

h_{3,2}

h_{3,3}

Use a CNN to compute a grid of features for an image