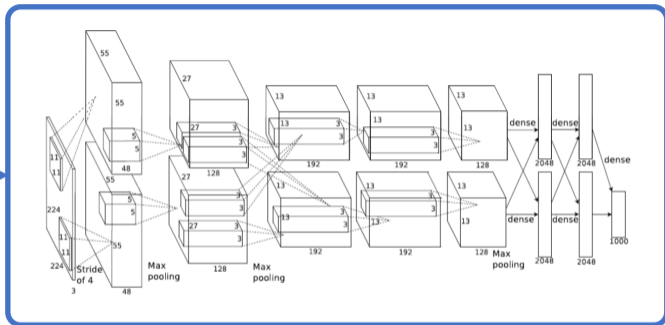
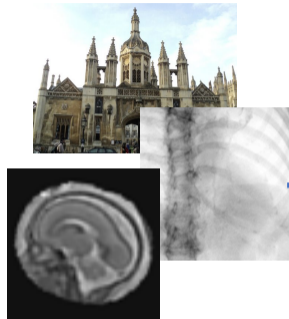


Any CNN Architecture



$\hat{\mathbf{p}}$

$d_{SE(3)}(\mathbf{p}, \hat{\mathbf{p}})$

Loss

$$\mathbf{p} = \{r_x, r_y, r_z, t_x, t_y, t_z\} \in se(3)$$