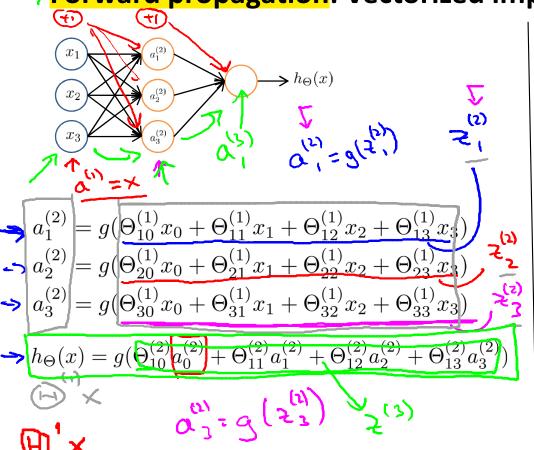


Machine Learning

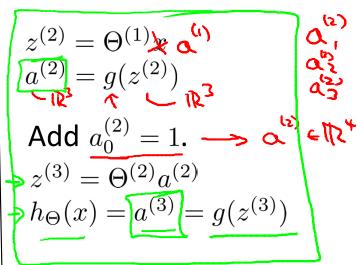
Neural Networks: Representation

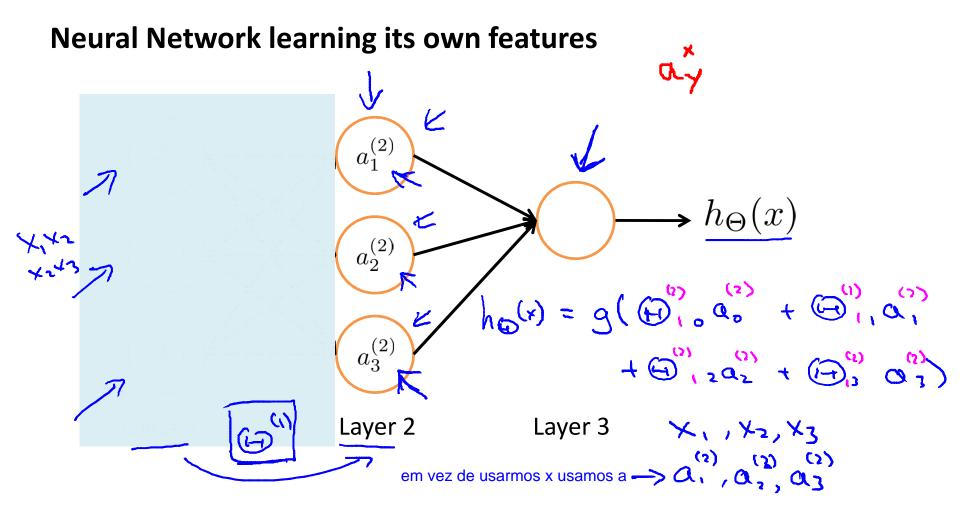
Model representation II

Forward propagation: Vectorized implementation



$$x = \begin{bmatrix} x_0 \\ x_1 \\ x_2 \\ x_3 \end{bmatrix} \qquad \underline{z^{(2)}} = \begin{bmatrix} z_1^{(2)} \\ z_2^{(2)} \\ z_3^{(2)} \end{bmatrix}$$





Other network architectures como os neuronios estao ligados



