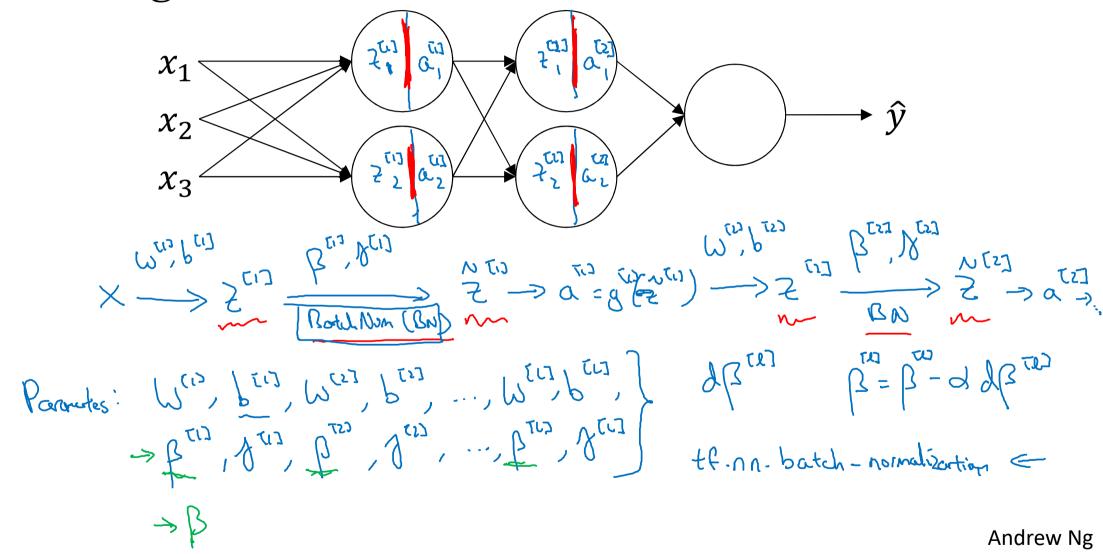


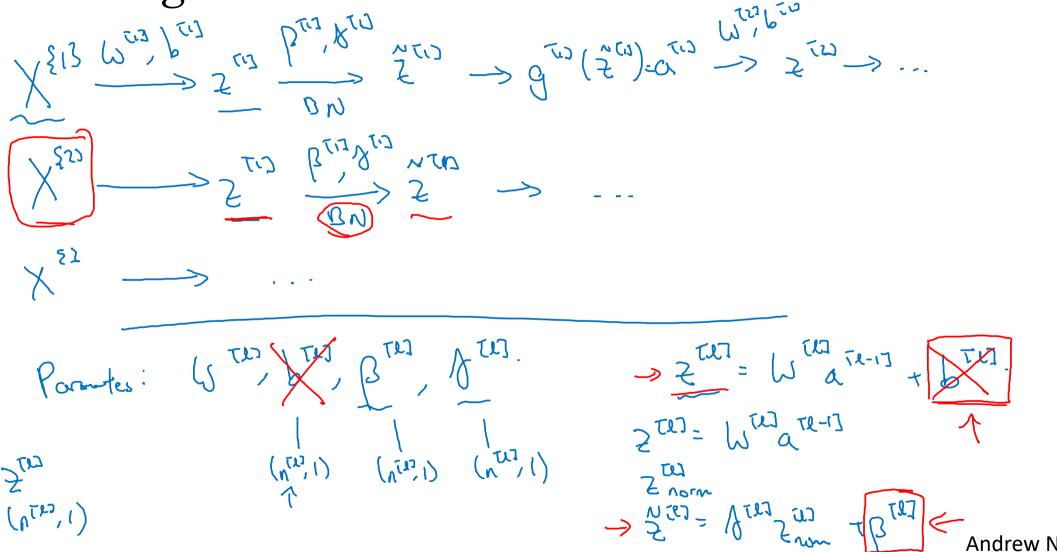
# Batch Normalization

# Fitting Batch Norm into a neural network

#### Adding Batch Norm to a network



## Working with mini-batches



## Implementing gradient descent

for t=1 .... num Mini Bortches Compute formal pap on X 8t3. It eat hidden lay, use BN to report 2 Tell with 2 Tell. Update partes Wis= Win-adwind } = Pin-adwind Pin-adwind } = Pin-adwind Works w/ momente, RMSpap, Adam.