Sigmoid function:

Derivative of the sigmoid function:

Node before sigmoid:

Node:

Cost: Where n stands for the nth in- and corresponding output and m for the last layer.

Derivative of the cost (with respect to the last layer):

Derivative of cost (with respect to the previous layer):

Derivative of the cost (with respect to the weights):

Derivative of the cost (with respect to the biases):

The gradient is just all (partial) derivatives in a matrix.