

## Basics of Neural Network Programming

Vectorization

deeplearning.ai

## What is vectorization?

?
$$\omega = \begin{bmatrix} \vdots \\ \vdots \end{bmatrix} \quad \times = \begin{bmatrix} \vdots \\ \vdots \end{bmatrix} \quad \times \in \mathbb{R}^{n_{\times}}$$