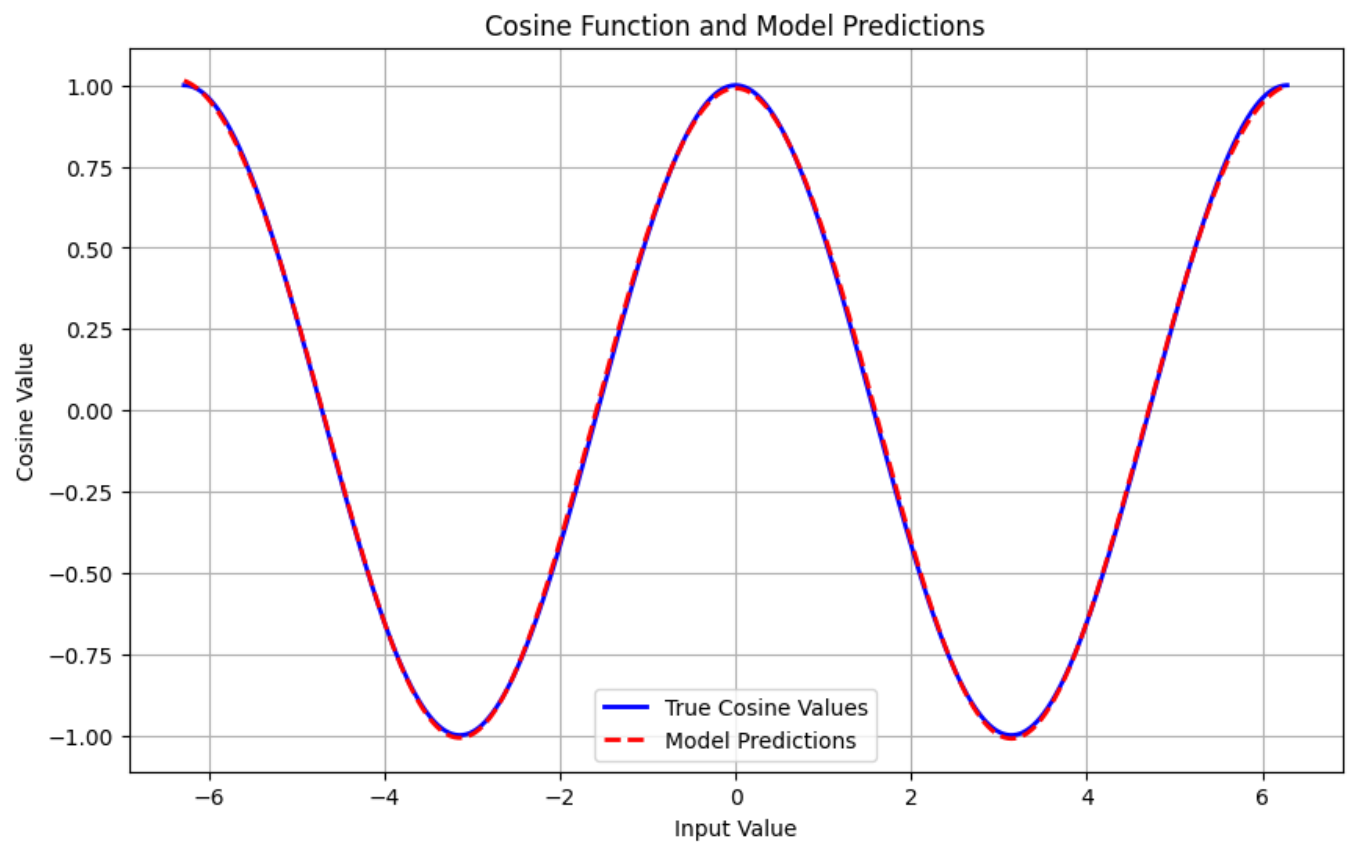Hermite Polynomials where n = 6

Random data from -2pi to 2pi

Trained for 200 epochs

Learning rate = 0.001

Loss = 5.01e-05

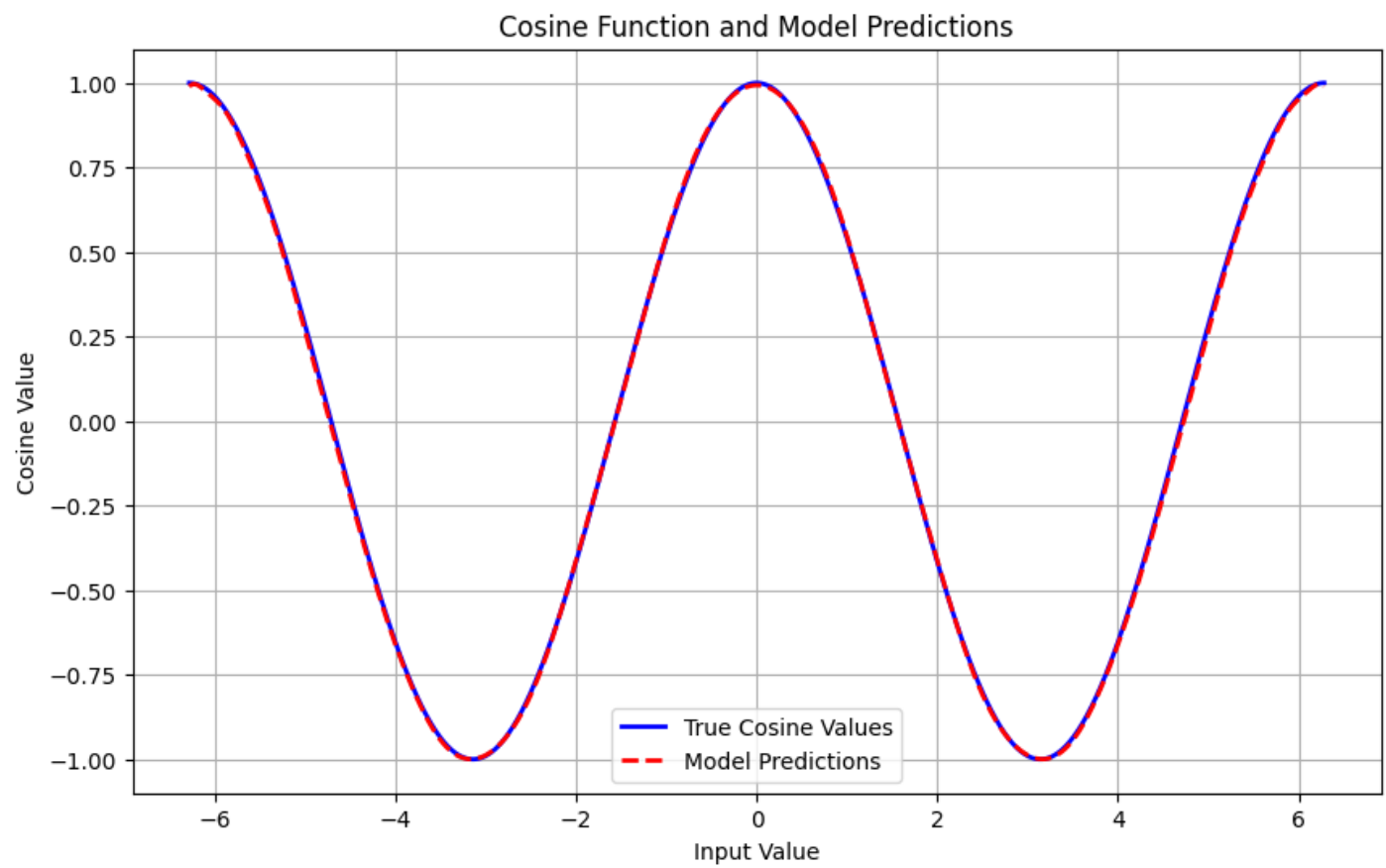Cosine Function and Model Predictions

Hermite Polynomials where n = 6

Controlled data from -2pi to 2pi

Trained for 150 epochs.

Learning rate = 0.001

Loss = 6.96e-05

Cosine Function and Model Predictions

Resnet Hermite

300 Epochs

Loss: 3.84e-4

Cosine Function and Model Predictions