Gated Recurrent Unit (GRU) model MSE: 1320.0595, R²: 0.0021 CPU Predictions (RMSE: 0.2702, R2: -0.1045) 0.2 0.4 8.0 0.6 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0231, R2: -0.2901) Prediction vs Real Memory Memory reference line 0.86 0.88 0.90 0.94 0.92 Real Memory Usage Throughput Predictions (MSE: 2286.4101, R²: 0.4010) Prediction vs Real Throughput Throughput reference line

8000

10000

12000

1.00

0.75

0.50

0.25

0.00

-0.25

Predicted Memory Usage 0.950 0.900 0.875 0.850

0.0

0.84

2000

4000

6000

Real Throughput Usage

Prediction vs Real CPU CPU reference line

Predicted CPU Usage