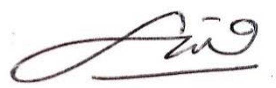
PREFACE

I am thrilled to present this thesis, titled "AN APPROACH BASED ON BiGRU AND BiLSTM COMBINATION: STOCK CLOSING PRICE FORECASTING CASES". This work represents the culmination of extensive research and effort, and I am grateful for the opportunity to share it with readers.

This thesis is divided into several chapters, each addressing a key aspect of the research. The first chapter provides an overview of the background thesis and its scope of work. The second chapter delves into the fundamental concepts of time series forecasting, an understanding to candlestick chart and BiGRU-BiLSTM models, including their architectures. The third chapter details the methodology used in this research, including data collection, pre-processing, and model training. The fourth chapter presents the experimental results and analysis, showcasing the performance and effectiveness of the proposed approach. Lastly, the conclusion chapter summarizes the findings, discusses the implications, and suggests avenues for future research.

I hope that this thesis serves as a valuable contribution to the field of stock forecasting using deep learning and inspires further exploration and innovation in this area. I encourage readers to delve into the details, critically evaluate the findings, and contemplate the potential implications of this research. Thank you for joining me on this academic pursuit.

Bandung, 1st July 2024



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