HATE SPEECH IDENTIFICATION AND MULTILABEL CLASSIFICATION USING COMBINED BERT-DEEP LEARNING MODELS ON TWITTER (X) CONSIDERING SENTENCE LENGTH DURING THE INDONESIAN GENERAL ELECTION

A THESIS SUBMITTED TO THE SCHOOL OF COMPUTING

BY

REVELIN ANGGER SAPUTRA

2301222055



IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF OF MASTER OF INFORMATICS IN THE SCHOOL OF COMPUTING

TELKOM UNIVERSITY 2025