

**A COMPARATIVE STUDY ON OPTIMIZING DEEP LEARNING
MODELS FOR SPAM DETECTION: AI-ASSISTED LABELING
WITH CHATGPT PROMPTING AND ENSEMBLE
LEARNING ON INDONESIAN DATASET**

Thesis Defense

submitted in partial fulfillment of the requirements for the degree of Master

Master of Information Engineering

Department of Electrical Engineering and Information Technology



proposed by

MUHAMMAD ABDURACHMAN FAIRUZ

20/467604/PTK/13665

to

**GRADUATE PROGRAM
FACULTY OF ENGINEERING
GADJAH MADA UNIVERSITY
YOGYAKARTA**

2025

THESIS

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Has been defended in front of the Board Examiners
On : **July 18, 2025**

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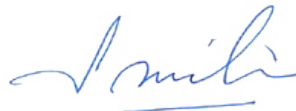
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