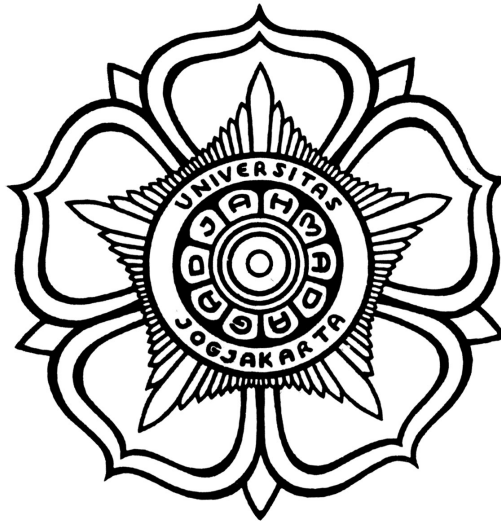


UNDERGRADUATE THESIS

**A DEEP LEARNING APPROACH TO SPEECH BASED EMOTION
RECOGNITION: 1D CNN-GRU WITH ATTENTION USING RAVDESS
DATASET**



REZA AURELIO BRILLIANSAH

21/475039/PA/20515

**UNDERGRADUATE PROGRAM IN COMPUTER SCIENCE
DEPARTMENT OF COMPUTER SCIENCE AND ELECTRONICS
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2025

SKRIPSI (RISET AKADEMIK)

**A DEEP LEARNING APPROACH TO SPEECH-BASED EMOTION
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DATASET (IUP)**

Telah dipersiapkan dan disusun oleh

Reza Aurelio Brilliansah
21/475039/PA/20515

Telah dipertahankan di depan Tim Penguji
pada tanggal 03 Desember 2025

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Anggota Penguji



Prof. Dr. Azhari, MT
Pembimbing

Mengetahui,
a.n. Dekan FMIPA UGM
Wakil Dekan Bidang Pendidikan, Pengajaran
dan Kemahasiswaan



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