

THESIS

**FEATURE-BASED EYE TRACKING FOR HANDHELD DEVICES
USING MOBILE-OPTIMIZED CONVOLUTIONAL NEURAL NETWORK**



ALBERT CRISTIANTO HALIM

22/492268/PA/21099

**COMPUTER SCIENCE STUDY PROGRAM
DEPARTMENT OF COMPUTER SCIENCE AND ELECTRONICS
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS GADJAH MADA**

2025

SKRIPSI (RISET AKADEMIK)

FEATURE-BASED EYE TRACKING FOR HANDHELD DEVICES USING
MOBILE-OPTIMIZED CONVOLUTIONAL NEURAL NETWORK

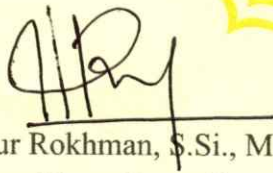
Telah dipersiapkan dan disusun oleh

Albert Cristianto Halim (IUP)

22/492268/PA/21099

Telah dipertahankan di depan Tim Penguji
pada tanggal 06 Januari 2026

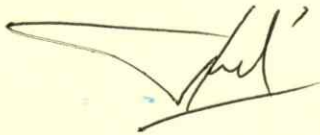
Susunan Tim Penguji



Dr. Nur Rokhman, S.Si., M.Kom
Ketua Penguji



Rifki Afina Putri, S.T., M.S, Ph.D.
Anggota Penguji



Arif Nurwidyanoro, M.Cs., Ph.D
Pembimbing

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



Prof. Drs. Roto, M.Eng., Ph.D.
NIP. 196711171993031020