

DAFTAR ISI

LEMBAR PENGESAHAN.....	ii
LEMBAR ORISINALITAS	iii
ABSTRAK	iv
ABSTRACT	v
KATA PENGANTAR	vi
UCAPAN TERIMA KASIH	vii
DAFTAR ISI.....	viii
DAFTAR GAMBAR	x
DAFTAR TABEL	xi
BAB 1 PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Rumusan Masalah.....	2
1.3. Tujuan dan Manfaat	3
1.4. Batasan Masalah.....	3
1.5. Metode Penelitian	4
BAB 2 TINJAUAN PUSTAKA	5
2.1. Optical Character Recognition	5
2.2. Aksara Sunda	5
2.3. Convolutional Neural Network	7
2.3.1. EfficientNet.....	7
2.4. Recurrent Neural Network	8
2.4.1. Long Short-Term Memory	8
2.4.2. Bidirectional Long-Short Term Memory.....	9
2.5. Connectionist Temporal Classification Loss	9
2.6. Stratified K-Fold Cross Validation	9
2.7. Confusion Matrix	9
2.8. Character Error Rate dan Word Error Rate.....	10
BAB 3 PERANCANGAN SISTEM	11
3.1. Desain Perancangan Sistem.....	11
3.1.1. Model Ensemble	11
3.1.2. Model Connectionist Temporal Classification (CTC).....	15
3.2. Preprocessing Data	17

3.3. Evaluasi Sistem.....	20
3.3.1. Evaluasi Model Ensemble	20
3.3.2. Evaluasi Model CTC	21
BAB 4 HASIL PERCOBAAN DAN ANALISIS.....	22
4.1. Skenario Model Ensemble	22
4.1.1. Model Karakter dan Model Kata.....	22
4.1.2. Model <i>Ensemble</i>	30
4.2. Skenario Model CTC	32
4.3. Analisis Akhir	36
BAB 5 KESIMPULAN DAN SARAN	38
5.1. Kesimpulan.....	38
5.2. Saran	38
DAFTAR PUSTAKA.....	39
LAMPIRAN	43