

EEG Emotion Recognition using Capsule Networks



Adam

MS Thesis

Faculty of Computer Science & Engineering

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

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EEG Emotion Recognition using Capsule Networks

MS Thesis



Aadam

CS-1945

In Partial Fulfillment
of the Requirements for the Degree of
Master of Science (MS) in
Computer Engineering

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

December 2021

Disclaimer

I hereby state that this thesis is my own unique work and has not been submitted to any institution for assessment purpose. To the best of my knowledge, this thesis contains no material previously published by other person expect for which the due acknowledgement has been made.

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Dated:

Certificate

It is certified that Mr. Aadam has completed his thesis entitled "EEG Emotion Recognition using Capsule Networks" under my supervision. This thesis is found acceptable for the partial fulfillment of the requirements for the degree of Masters in Sciences (MS) in Computer Engineering.

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Dedicated to my parents.

ACKNOWLEDGEMENTS

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List of Abbreviations

ANN Artificial Neural Network

CNN Convolutional Neural Network

EEG Electroencephalogram

ABSTRACT

your thesis abstract goes here

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CHAPTER 1. INTRODUCTION

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1.1 Background

1.2 Importance

1.3 Novelty

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CHAPTER 5. EXPERIMENTS AND RESULTS

(2500 words, 5-6 sections)

5.1 Dataset

1

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CHAPTER 6. DISCUSSION

(1000 words) ¹

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CHAPTER 7. CONCLUSION

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CHAPTER 8. FUTURE DIRECTIONS

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REFERENCES