

**EFL STUDENTS' PERCEPTIONS OF USING ARTIFICIAL  
INTELLIGENCE (AI) CHATGPT AS A  
WRITING TOOL**

**A THESIS**

*Submitted to the Faculty of Tarbiyah and Teacher Education of Islamic Studies  
State Islamic University of North Sumatra as Partial Fulfillment of the Requirements for  
the Degree of Sarjana Pendidikan (S-1 Program)*



**By:**

**HAWALAINA RAHMAN HASAN SIREGAR  
0304202045**



**UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN**

**ENGLISH EDUCATION DEPARTMENT**

**FACULTY OF TARBIYAH AND TEACHING TRAINING**

**THE STATE ISLAMIC UNIVERSITY OF NORTH SUMATERA**

**MEDAN**

**2024**

**APPROVED AND RATIFIED**

**Advisor I**



**Deasy Yunita Siregar, M.Pd**  
**NP. 198306102009122002**

**Advisor II**



**Emeliya Sukma Dara**  
**Damanik, M.Hum**  
**NP. 198109262009122004**

**Head of The English  
Education  
Department**



**Maryati Salmiah, M. Hum**  
**NIP. 198205012009012012**

**Secretary of The English  
Education Department**



**Benni Ichsanda Rahman H z,**  
**M.Pd**  
**NIP. 199106212019081001**

**Dean of the Faculty of Tarbiyah and Teachers Training  
State Islamic University of North Sumatera**



**Prof. Dr. Tien Rafida M.Hum**  
**NIP. 197011101997032004**



KEMENTERIAN AGAMA  
UNIVERSITAS ISLAM NEGERI SUMATERA UTARA  
FAKULTAS ILMU TARBIYAH DAN KEGURUAN  
Jl. Willem Iskandar Psr. V Medan Estate 20371 Telp. 6622925, Fax.  
6615683

SURAT PENGESAHAN

Skripsi yang berjudul : "EFL Students' Perceptions of Using Artificial Intelligence (AI) ChatGPT as A Writing Tool" oleh Hawalaina Rahman Hasan Siregar, yang telah dimunaqasyakan dalam sidang munaqasah Sarjana Strata (S1) Fakultas Ilmu Tarbiyah dan Keguruan Universitas Islam Negeri Sumatera Utara Medan pada tanggal:

14 Agustus 2024 M

09 Safar 1446 H

dan telah diterima sebagai persyaratan untuk memperoleh gelar Sarjana Pendidikan (S.Pd) pada jurusan Pendidikan Bahasa Inggris Fakultas Ilmu Tarbiyah dan Keguruan Universitas Islam Negeri Sumatera Utara Medan.

**Panitia Sidang Munaqasyah Skripsi  
Fakultas Ilmu Tarbiyah dan Keguruan UIN-SU Medan**

Ketua

Marwati Salmiah, M.Hum  
NIP. 198295012009012012

Sekretaris

Benni Ichsanda Rahman Hz, M.Pd  
NIP. 199106212019081001

Anggota Penguji

1. Deasy Yunita Siregar M.Pd

NIP. 198306102009122002

2. Emelica Sufkima Dara Damanik,  
M.Hum

NIP. 198109262009122004

3. Dr. Utami Dewi, M. Hum

NIP. 198202272008012009

4. Diah Safithri Armin, M.Pd

NIP. 199105282019032018

Mengetahui

Rektor Fakultas Ilmu Tarbiyah dan Keguruan



Prof. Dr. Tika Rafida, M.Hum

NIP. 19662000031006

## PERNYATAAN KEASLIAN SKRIPSI

Saya menyatakan dengan sesungguhnya bahwa skripsi yang berjudul “EFL Students' Perception of Using Artificial Intelligence (AI) ChatGPT as Writing Tool” adalah karya saya sendiri. Pengutipan yang terdapat dalam skripsi ini dilakukan dengan cara-cara yang sesuai dengan etika keilmuan. Atas pernyataan ini, saya bersedia menerima sanksi sesuai dengan peraturan perundang-undangan yang berlaku apabila suatu hari nanti ada pihak lain yang keberatan terhadap keaslian skripsi saya ini atau ditemukan bukti yang sangat kuat adanya unsur plagiasi atau penjiplakan atau pengutipan yang melanggar etika keilmuan.

Medan, 1 Agustus 2024

Yang Membuat Pernyataan



Hawalatra Rahman Hasan Siregar

0304202025

UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

## ABSTRACT

In the current era of technological development, the use of AI tools in education is increasing. There is a need to understand the potential of AI to support the learning process and overcome challenges faced by students, especially in writing. This study explored EFL students' perceptions regarding the use of ChatGPT as an AI writing tool. This study used a qualitative approach with a phenomenological design. Data collection involved interviews with 5 English Education students at UIN North Sumatra who were considered the most experienced to gather detailed perceptions. Then the data that has been collected was analyzed using thematic analysis technique. The results showed that students had positive perceptions. Students highlighted ChatGPT is usefulness in the writing process and its role in overcoming writing difficulties. Students found that ChatGPT is effective in providing instant feedback and immediate support for their writing. Chatgpt has benefits in time efficiency, helping in finding topics and developing ideas, increasing vocabulary, and improving grammar. However, there were some challenges such as limited data or knowledge in ChatGPT, which may lead to inaccurate results, as well as creating laziness and potential dependency, and network problem. Based on these findings, it is recommended to use ChatGPT only as a reference or consultation tool only, students should still use their own critical thinking skills and it is important to verify ChatGPT answers with reliable sources. The findings from this study suggest that although ChatGPT can significantly help the writing process, educators and students should be aware of its limitations.

**Keywords:** *Artificial Intelligence tool, ChatGPT, Chatbot*

## ACKNOWLEDGMENT



*Assalamualaikum Warrahmatullahi Wabarakatuh...*

The author's words of praise and gratitude go to the presence of Allah SWT, that it is because of the ridho and grace that the author can not forget the sholawat to our lord the Great Prophet Muhammad Saw, may we be in the same place with him. Many things affect the author in completing his research. However, with the permission of Allah SWT and his parents, the author was able to complete the research as one of the requirements for obtaining a bachelor's degree (S-1). The author realizes that this scientific paper in the form of a thesis is far from perfection, both with regard to its substance and its writing style. Therefore, the author hopes that this thesis is useful and can be a good deed for the author.

The completion of the writing of this thesis is a whole unity of hard work, persistence, patience, prayer support, encouragement, support, guidance, and assistance from various parties. The author would like to express his gratitude and highest appreciation to all those who have contributed to the author.

My sincere gratitude and highest appreciation go to the honorable ones:

1. Rector of State Islamic University of North Sumatra, Medan, Mrs. Prof. Nurhayati, M.Ag as the leader at UINSU
2. The Dean of the Faculty of Tarbiyah and Teacher Training of State Islamic University of North Sumatra Mrs. Prof. Tien Rafida, M.Hum, as the dean of FITK
3. The Head and Secretary of the English Education Departement, Faculty of Tarbiyah and Teacher Training, Mrs Maryati Salmiah, M.Hum, as the head of the English Education Department and Mr. Benni Ichsanda Rahman Hz. M.Pd as the secretary of the English Education Department at The State Islamic Universityof North Sumatra,

4. Mrs Deasy Yunita Siregar, M.Pd as Supervisors I and Mrs Emeliya Sukma Dara Damanik, M.Hum, as Supervisors II who have directed, guided, and motivated the author to carry out research and complete the preparation of thesis writing, starting from the beginning, until completion.
5. Academic supervisor, Mr. Yani Lubis, S.Ag, M.Hum, who has guided from the beginning of the semester to the end of the semester in lectures.
6. Last but not least, the author's family, especially the author's mother, Dyah Wiyati, and first brother Mahrus Alwi Hasan Siregar who have supported the author until now, so that the author finally managed to complete the writing of this thesis. As well, the author dedicates it to the author's late father, Hasan Basri Siregar, and the late second brother, Matshwahu Ulya Hasan Siregar.

Hopefully, all the prayers, support, guidance, encouragement, and assistance that have been given by all the parties above will be rewarded in abundance by Allah SWT. Ameen...

Medan, 3 August 2024

Author

UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

  
**Hawalaina Rahman Hasan Siregar**  
**NIM.0304202045**



## TABLE OF CONTENTS

<b>ABSTRACT</b> .....	<b>i</b>
<b>ACKNOWLEDGMENT</b> .....	<b>ii</b>
<b>TABLE OF CONTENTS</b> .....	<b>iv</b>
<b>LIST OF FIGURES</b> .....	<b>vi</b>
<b>LIST OF TABLES</b> .....	<b>vii</b>
<b>LIST OF APPENDICES</b> .....	<b>viii</b>
<b>CHAPTER I INTRODUCTION</b> .....	<b>1</b>
1.1 Background of Study .....	1
1.2 Limitation of The Study.....	5
1.3 The Problem of Study .....	5
1.4 The Objective of Study .....	5
1.5 Significance of the Study .....	6
<b>CHAPTER II LITERATURE REVIEW</b> .....	<b>7</b>
2.1 Perception .....	7
2.1.1 Definition of Perception .....	7
2.1.2 Aspects of Perception.....	8
2.1.3 The Factor Affecting Perception .....	9
2.1.4 Forms of Perception .....	10
2.2 Artificial Intelligence.....	10
2.2.1 Generative Pre-trained Transformer (ChatGPT).....	11
2.2.2 The Advantages and Disadvantages of ChatGPT .....	13
2.3 Writing.....	15
2.3.1 ChatGPT as AI Writing Tool .....	17
2.4 Previous Study .....	21
<b>CHAPTER III RESEARCH METHODOLOGY</b> .....	<b>27</b>
3.1 Research Setting .....	27
3.2 Research Method .....	27
3.3 Research Participants.....	28
3.4 Technique for Collecting Data.....	28



3.5 Technique for Analyzing Data.....	29
3.6 Trustworthiness.....	30
3.7 The Procedure of Study .....	30
<b>CHAPTER IV FINDINGS AND DISCUSSION .....</b>	<b>32</b>
4.1 Research Findings.....	32
4.2 Discussions .....	40
<b>BAB V CONCLUSION AND SUGGESTION .....</b>	<b>45</b>
5.1 Conclusion .....	45
5.2 Sugestion .....	46
<b>REFERENCES .....</b>	<b>47</b>
<b>APPENDICES .....</b>	<b>54</b>
<b>AUTOBIOGRAPHY .....</b>	<b>78</b>



UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

## LIST OF FIGURES

Figure 1. Logo and Interface ChatGPT.....	2
Figure 2 ChatGPT's Main Interface .....	12
Figure 3 ChatGPT Response to Analyze The Writing.....	18
Figure 4 ChatGPT Response Regarding Giving Feedback on Writing .....	19



UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

## LIST OF TABLES

Table 1. Demographic Information of Participants.....	28
---	----



UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN

**LIST OF APPENDICES**

Appendix 1 .....	54
Appendix 2 .....	65
Appendix 3 .....	75
Appendix 4 .....	76
Appendix 5 .....	77



UNIVERSITAS ISLAM NEGERI  
SUMATERA UTARA MEDAN