Your Amazing Thesis Title Goes Here

by

[First name] [Last name]

Submitted in partial fulfillment of the requirements
for the degree of
Doctor of Philosophy
in
Machine Learning

Division of Computing and Mathematical Sciences
Mohamed bin Zayed University of Artificial Intelligence
Abu Dhabi, UAE

September 2026
Copyright © 2026, [First name] [Last name]
All Rights Reserved

Examining Committee Membership

The following served on the Examining Committee for this thesis. The decision of the Examining Committee is by majority vote.

External Examiner:	Name X! Professor, Division/Dept. of, University of
Supervisor(s):	Name 1! Professor, Division of , Mohamed bin Zayed University of Artificial Intelligence Name 2! Professor , Division of , Mohamed bin Zayed University of Artificial Intelligence
Internal Member:	Name Y! Professor, Division of, Mohamed bin Zayed University of Artificial Intelligence
Internal-External Member:	Name Z! Professor, Division/Dept. of, University of
Other Member(s):	Name R! Professor, Division of, University of

Author's Declaration

I, [**Candidate's Full Name**], hereby declare that the thesis entitled [**Thesis Title**] is my own original work, except where specific reference is made to the contributions of others. This thesis contains material that has been published in collaboration with co-authors, as outlined below. A true and complete copy of the thesis, including any necessary revisions, has been submitted to and accepted by my examiners. Proper acknowledgment has been given throughout the thesis wherever the work of others has been referenced. I have also clearly indicated my individual contributions, as well as those made by co-authors, in the sections below.

The following table outlines the chapters that include content based on jointly-authored publications, along with relevant references. I confirm that I have contributed substantially to every result discussed in this thesis.

Chapter	**Contribution by Candidate**	**Contribution by Co-Authors**	**References**
Chapter 1	[Details]	[Details]	[Details]
Chapter X	[Details]	[Details]	[Details]

I understand that my thesis may be made available electronically for public access.

Signature

[Your Full Name]

[Date]

Abstract

The abstract should not exceed 500 words or 2 pages. The abstract should explain the domain of the thesis, identify topic area, include the hypothesis or problem statement, provide a general overview of the methodology, and identify research benefits and key findings and/or contributions.

Acknowledgements

I would like to thank ...

Lay Summary of Thesis (only for PhD students)

A brief summary of the research work intended for a general audience rather than experts or scholars. The language should be simple, free of jargon, and any technical terms that must be used should be clearly explained.

Dedication

This is dedicated to ...

Table of Contents

List of Tables **ix**

List of Figures **x**

List of Abbreviations **xi**

1 Introduction **1**

1.1 State of the Art 1

1.1.1 Second level subsection 1

1.1.1.1 Third level subsection 1

1.2 An Overview 1

2 Background **2**

2.1 Methods of Computing 2

References **3**

A Proof of Concept **5**

B Python Implementation **6**

B.1 Libraries 6

B.2 Code 6

C Declaration of Generative AI Use **7**

List of Tables

List of Figures

List of Abbreviations

AI Artificial Intelligence.

Chapter 1

Introduction

What does it mean to become a Ph.D.!

1.1 State of the Art

What is State of the Art?

1.1.1 Second level subsection

1.1.1.1 Third level subsection

1.2 An Overview

An overview of ...

Chapter 2

Background

This is Chapter 02! Author [1] presented... Author [2] proposed... Author [3] and Author [4] implemented...

2.1 Methods of Computing

References

[1] I. Al Ridhawi, S. Otoum, and M. Aloqaily, "Generalizing ai: challenges and opportunities for plug and play ai solutions," *IEEE Network*, vol. 35, no. 1, pp. 372–379, 2020.

[2] H. Elayan, M. Aloqaily, and M. Guizani, "Digital twin for intelligent context-aware iot healthcare systems," *IEEE Internet of Things Journal*, 2021.

[3] Z. Iklassov, I. Sobirov, R. Solozabal, and M. Takáč, "Reinforcement learning approach to stochastic vehicle routing problem with correlated demands," *IEEE Access*, vol. 11, pp. 87 958–87 969, 2023.

[4] S. Mehta and M. Rastegari, "Separable self-attention for mobile vision transformers," *Transactions on Machine Learning Research*, 2023.

APPENDICES

Appendix A

Proof of Concept

Appendix B

Python Implementation

B.1 Libraries

B.2 Code

Appendix C

Declaration of Generative AI Use

This appendix follows the recommendations adopted from IEEE guidelines for disclosing the usage of the generative AI tools in this manuscript.

I used [insert all AI tools with link]

Example: I acknowledge the use of ChatGPT [https://chat.openai.com/] to generate my research questions [introduction] in the initial brainstorming stage of this thesis.

Description of GenAI uses [provide a brief explanation of the extent and nature of GenAI involvement and list the specific sections of the work where GenAI-generated content appears.]

Example: The generated research questions were used as an inspiration and a point of comparison for my own understanding. I revised these initial research questions significantly based on my literature review and personal reflections, and the final questions are entirely my own.

Interaction with GenAI tools [list of prompts, attachments, and/or links to relevant chat histories]:

Example: The following prompts were entered into ChatGPT: 1) "Propose two research questions that explore the impact of Generative AI on students' cognitive abilities." 2) "Modify the questions – based on the findings and gaps in knowledge in the attached article. [attachment: Your Brain on ChatGPT: Accumulation of Cognitive Debt when Using an AI Assistant for Essay Writing Task"]