Title of Thesis with all Formula,
Symbols, or Greek Letters Written out in Words

by

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A Thesis

presented to

The University of Guelph

In partial fulfilment of requirements
for the degree of

Doctor of Philosophy

in

Computational Sciences

Guelph, Ontario, Canada

ABSTRACT

Title of Thesis with all Formula, Symbols, or Greek Letters Written out in Words

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University of Guelph, 2099

Advisor:
Dr. Sherlock Holmes

Present your abstract here. This template is just an example of an outline to consider for your thesis. It is a good idea to double-check with the current University's thesis requirements here:

`https://www.uoguelph.ca/graduatestudies/current-students/preparation-your-thesis`

Acknowledgments

Present your acknowledgements here.

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Chapter 1

Introduction

This chapter introduces your thesis, giving a very broad introduction to the area with real world applications and examples that your parents and grandparents would understand. Then narrow to your specific research focus.

1.1 Thesis Statement

The most important section in the introduction contains the thesis statement. The *thesis statement* is a refined and succinct set of arguments that define what you will demonstrate or prove in the thesis – it is your position. It is the *crux* of your research. In some cases, the thesis statement is a single sentence. In other cases, it is up to a paragraph. In the early draft stages, the thesis statement establishes a focus, a basis on which to include or exclude information. For the reader of the finished work, the thesis anticipates the remainder of the author's discussion.

Following your thesis statement, you should give a clear listing of the actual contributions of the thesis. This will also include reference to any publications that have resulted from the work.

1.2 Overview of Thesis

Often the final section of the introduction will outline what is contained in the remainder of the thesis. In Chapter 2, a literature review is presented. In Chapter 3, the main results are provided including the methodology and implementation. Then

in Chapter 4 we analyze the resulting algorithms and demonstrate that they are better then the previous known algorithms. The thesis concludes in Chapter 5 with a summary and directions for future research.

Chapter 2

Background

This section often includes a literature review as well as all the necessary background definitions and notation required in the remainder of the thesis. This section will likely form the bulk of your citations.

2.1 Literature Review

Gary and Jonhson [2] wrote one of the most famous books on complexity theory. Avery [1] wrote a nice article on score sequences.

Chapter 3

Methodology and Implementation

Chapter 4

Evaluation

Chapter 5

Summary and Future Work

Conclude your thesis with a re-cap of your major results and contributions. Then outline directions for further research and remaining open problems.

Bibliography

[1] P. Avery. Score sequences of oriented graphs. *Journal of Graph Theory*, 15(3):251–257, 1991.

[2] M. R. Garey and D. S. Johnson. *Computers and Intractability: A Guide to the Theory of NP-completeness*. Freeman San Francisco, 1979.

Appendix A

Appendix

In this appendix we present additional material to support the thesis, but not central to the main results of the thesis. This may be an actual implementation of a program, extra figures, etc.