## 

<Title of Project: No More Than 200 Characters, Double Spaced Lines>

<Student’s full legal name here, double-spaced>

A Project Submitted to

GRAND VALLEY STATE UNIVERSITY

In

Partial Fulfillment of the Requirements

For the Degree of

Master of Science in Applied Computer Science

School of Computing

<Month of graduation> <Year of graduation>



The signatures of the individuals below indicate that they have read and approved the project of <your full legal name> in partial fulfillment of the requirements for the degree of Master of Science in Applied Computer Science.

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<name of project advisor>, Project Advisor Date

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<name of GPD>, Graduate Program Director Date

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 <name of unit head>, Unit head Date

# Abstract

No more than 350 words. Double spaced.

# Introduction

This document describes the basic formatting for Master's Projects. Every major division, chapters, references, etc., should begin on a new page. Use a single 12-point font consistently for the entire document including the body text, footnotes, and page numbers. A different font for scientific notations and tables may be used as needed. All general text is double-spaced.

Acceptable fonts for the culminating experience projects documents are: Arial, Calibri, Courier, Garamond, and Times New Roman. The body of the manuscript, including appendices, must adhere to 1 inch margins all around. Center page numbers one-half (1/2) inch from the bottom of the page. The page number position should be the same on all pages where page numbers appear. Justify the left margins but do not justify the right margins.

More information can be found at the [GVSU Graduate School website](https://www.gvsu.edu/gs/project-guidelines-104.htm).

Students must use an approved format for the project written document. Students should

consult their project advisor to identify which format and which writing style to use. In fields of study that demand a specific style guide, students should follow it consistently.

In this section, describe the research problem and the proposed solution approach, present the research questions and state the high-level results and contributions in the field. Project overview. What is your project about and what have you done? What was your motivation? Why is this problem you've worked on important? What were your goals and objectives? What are you trying to do and why?

# Background/Related Work

In this section, describe any related work. Describe and/or reference existing related work/projects. Critique the existing work. Where is it strong? Where is it weak? How does your work relate?

# Methods

How did you do what you did? Outline your solution. Describe the "whats" of your project -- what does it do? Describe the "hows" of your project -- how does it work? What technologies/tools were used?  Which ones were you already familiar with (i.e. prior coursework)?  Which ones did you have to learn during the course of the project? What alternatives (if any) were considered? Use pictures/diagrams to help explain the operation of or relationship between project components.

# Results/Discussion

Graphs, plots, etc., and discussion of their implications. Address the adequacy, efficiency, and effectiveness of your project. Again, communicate visually when possible (i.e. graphs/charts). Be honest in the evaluation of your work. Describe any weaknesses and false starts; highlight strengths and accomplishments. These items help with your professional growth and enhance your independent learning ability.

# Conclusions

Summarize accomplishments. Outline open issues/directions for future work.

# Appendices

If applicable

# Bibliography

If applicable