Date of acceptance Grade

Instructor

# My Topic

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|---|---|---|
| | June 1, 2014 | 2 pages + 0 appendices |

Tiivistelmä — Referat — Abstract

Network influence maximization. Something about graphs, about network influcence, social network, other related areas, big data, hadoop and other technologies, graph processing

ACM Computing Classification System (CCS):
A.1 [Introductory and Survey],
I.7.m [Document and text processing]

Avainsanat — Nyckelord — Keywords
layout, summary, list of references

Säilytyspaikka — Förvaringsställe — Where deposited

Muita tietoja — övriga uppgifter — Additional information

# Contents

# 1 Introduction

# 2 Literature Review

Let us start by looking at the sections expected to be in a scientific text. Keep in mind that the same expectations go for all kinds of technical writing.

## 2.1 Graph

## 2.2 Social Graphs

## 2.3 Influcence Maximization

The nature of the matter at hand determines how the topic chapters are disposed.

In order to guide the reader, it is a good idea to start each main chapter with a short paragraph on what the main topic of the chapter is and how it progresses from one sub-chapter to the next.

Texts with only one sub-chapter, or with more than two chapter levels (main and sub-chapters) are a sign of a problem with the disposition of the text. There may be justifiable reasons to use three-level headings in some technical documents, but they are an exception to the rule.

## 2.4 Big Data and hadoop

## 2.5 Use cases reasearch and industry

So-called mnemonic references are used for referring to sources; they are constructed as described in the section on the list of references. The page numbers should be added to the reference if it would be too laborious for the reader to find the reference in the source without them.

References are always placed inside sentences. This means that e.g. a separate reference at the end of a paragraph would be inappropriate.

The structure of the text must clearly show what the reference relates to. At the same time, it shows how long a piece of the text that the reference relates to.

# 3 Big data and Network influence maximization

TDescription of what I'm going to do, big data/hadoop/mapreduce implementions for network influence

## 3.1 Tools

## 3.2 Data set

## 3.3 Algorithm

## 3.4 Other challenges

# 4 Conclusion

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