A Dissertation Submitted to China University of Geosciences For the Bachelor Degree of Computer Science and Technology

Your Title

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May 15, 2024

Statement of originality of bachelor's thesis of China University of Geosciences

I declare that my bachelor's thesis "Your Title" is the result of my independent research work during my bachelor's degree study period at China University of Geosciences (Wuhan) under the guidance of my tutor. The paper does not contain the research results that have been published or written by others, except for the parts already indicated, and the relevant personnel who have provided assistance in the completion of the thesis have been mentioned and thanked in this thesis.

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Date: May 15, 2024

Abstract

Abstract content

Key Words: keyword1; keyword2; keyword3; keyword4

Contents

Chapter1 Introduction

1.1 Background

Dissertations range from more than 40 pages to more than 200 pages. If such a long paper is written in word, there will be many problems. Many universities in foreign countries have their theses in LaTeXtemplates, and most universities recommend that graduates write their theses in LaTeX. Although most universities in China do not recommend this, there are already many university graduates who make their own latex templates and share them on the Internet.

For the academic dissertation of China University of Geosciences (Wuhan), although there is no official latex template, many senior students have developed Chinese latex templates for academic dissertations, the English version is still missing.

1.2 Instruction

This template is based on the ThuThesis latex template, CUGThesis template and the standard for writing English bachelor's degree thesis of China University of Geosciences (Wuhan). It is mainly used for the English bachelor's degree thesis of the School of Computer Science, CUG.

And you can Refer to " 一份（不太）简短的 LaTeX2ε 介绍" for more latex writing methods

Chapter2 Template use method

2.1 Figure

2.1.1 Insert a single graph

Insert a single picture.

Figure 2.1 Example1

2.1.2 Insert multiple graphs

It is often used to place multiple diagrams in a single float. The following is the schematic code, and the effect is roughly shown in Figure 2.2.

```
\begin{figure}[htbp]
\centering
\includegraphics[width=...]{...}
\qquad
\includegraphics[width=...]{...} \\[...pt]
\includegraphics[width=...]{...}
\caption{...}
\end{figure}
```

a logo1 b logo2

Figure 2.2 Example2

2.2 Table or Item

The most basic tabular usage of tabular tables is as follows and the effect is roughly shown in Tab 2.1:

```
\begin{tabular}[ align ]{ column-spec }
 item1  &  item2  & ··· \\
\hline
 item1  &  item2  & ··· \\
\end{tabular}
```

& is used to separate cells; \\ is used to wrap a line; *\hline* is used to draw horizontal lines between rows.

Table 2.1 Example:Tab

name	num	gender
Steve Jobs	001	Male
Bill Gates	002	Female

LaTeXprovides the basic ordered and unordered list environments enu-

merate and itemize, both of which are used similarly Label each list item with *item*. The enumerate environment automatically numbers list items.

```
\begin{enumerate}
\item ⋯
\item ⋯
\end{enumerate}
```

1. item1
2. item2

2.3 Reference

Cross-reference is one of the powerful automatic typesetting features of LaTeX. In places that can be cross-referenced, such as chapters, public Formula, chart, theorem, etc. Use *label* command:

You can then use the *ref* or *pageref* commands elsewhere to generate cross-referenced numbers and page numbers, respectively:

Reference a figure 2.2a

Reference a table 2.1

If you want to cite a reference, you1 need to format references into mybib.bib and cite it[1]

2.4 Equation

Equations are created using the traditional equation environment:

$$x = \sum_{i=0}^{z} 2^i Q \tag{2.1}$$

A multiline equation

$$\begin{aligned} Z &= x_1 + x_2 + x_3 + x_4 + x_5 + x_6 \\ &\quad + a + b \qquad (2.2) \\ &\quad + a + b \qquad (2.3) \\ &\quad + a + b \qquad (2.4) \\ &\quad + a + b \qquad (2.5) \end{aligned}$$

Chapter3 Conclusion

Conclusion of the article

Acknowledgement

Content of acknowledgement

References

[1] AUTHOR. title[J]. Journal name, 2020, volume(number) : pages. 2.3