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Três de Maio

2019

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Undergraduate Thesis of Bachelor of Information Systems - Três de Maio Faculty - SETREM

Advisor:

Dr. FirstName LastName

Três de Maio

2019

TERMO DE APROVAÇÃO

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Relatório aprovado como requisito parcial para obtenção do título de **Bacharel em Sistemas de Informação** concedido pela Faculdade de Sistemas de Informação da Sociedade Educacional Três de Maio, pela seguinte Banca examinadora:

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Três de Maio, 08 de Agosto de 2019.

ABSTRACT

The abstract goes here ...

Keywords: Information Systems, Deep Learning, Agriculture, Systematic Literature Review.

RESUMO

O resumo vai aqui...

Palavras-Chave: Sistemas de Informação, Deep Learning, Agricultura, Revisão Sistemática da Literatura.

LIST OF FIGURES

LIST OF TABLES

LIST OF ABBREVIATIONS AND ACRONYMS

ACM   Association for Computing Machinery

AWS   Amazon Web Services

IBGE   Brazilian Institute of Geography and Statistics

IEEE   Institute of Electrical and Electronics Engineers

IoT   Internet of Things

CONTENTS

INTRODUCTION

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LARCC [2019]

According to Vogel and Griebler et al. [2017], bla bla ...

Some authors prefere to include figures and others not [GRIEBLER; VO-GEL; MARON; MALISZEWSKI; SCHEPKE; FERNANDES, 2018].

There are some undergraduate thesis developed at LARCC [HENTGES; THOMé, 2013, MALISZEWSKI; BAUM, 2017, ROCKENBACH; ANDERLE, 2017, STEIN, 2018]

1 RESEARCH PLAN

1.1 THEME

1.1.1 Theme Delimitation

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1.2 GENERAL OBJECTIVE

1.2.1 Specific Objectives

1. aaaaaaaaaaaaaaa

2. bbbbbbbbbbbbbb

   3. CCCCCCCCC

   4. DDDDDDDDDD

   5. FFFFFFFFFFF

   6. GGGGGGG

1.3 JUSTIFICATION

1.4 PROBLEM

1.5 HYPOTHESIS

   1. A is equal to C

   2. D is bigger than G

1.6 METHODOLOGY

1.6.1 Approach

1.6.2 Procedures

1.6.3 Tecniques

1.6.4 Hyphoteses Validation

1.7 BUDGET

1.8 SCHEDULE OF ACTIVITIES
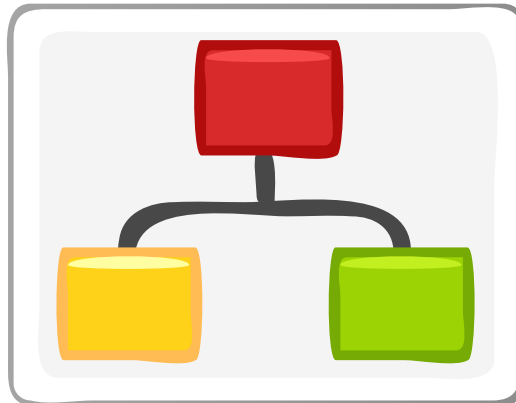
2 BACKGROUND

2.1 BUSINESS FIELD

2.2 FUNDAMENTALS OF COMPUTING FOR THE STUDIED AREA

Equation 2.1 is an example of an equation in Latex:

$$h_t = f(W^{(hh)}h_{t-1} + W^{(hx)}x_t). \tag{2.1}$$

Figure1 is an example of including a figure.

Figure 1: Simple diagram

Source: Extracted from LARCC [2019].

Griebler and Hoffmann et al. [2018]

McCool, Robison and Reinders [2012]

2.3 RELATED WORK

Table 1 present an example of a Latex table.

Table 1: This is a simple example to build a table.

A	B	N	T
X	y	W	G

3 RESULTS

The experiments and developement goes here...

3.1 HISTORY AND PRESENTAION OF THE ORGANIZATION

3.2 DEVELOPEMENTS

Listing 1 presents a Python code example.

Listing 1: Python code example.

```python
import numpy as np

def incmatrix(genl1,genl2):
    m = len(genl1)
    n = len(genl2)
    M = None #to become the incidence matrix
    VT = np.zeros((n*m,1), int)  #dummy variable

    #compute the bitwise xor matrix
    M1 = bitxormatrix(genl1)
    M2 = np.triu(bitxormatrix(genl2),1)

    for i in range(m-1):
        for j in range(i+1, m):
            [r,c] = np.where(M2 == M1[i,j])
            for k in range(len(r)):
                VT[(i)*n + r[k]] = 1;
                VT[(i)*n + c[k]] = 1;
                VT[(j)*n + r[k]] = 1;
                VT[(j)*n + c[k]] = 1;

                if M is None:
                    M = np.copy(VT)
                else:
                    M = np.concatenate((M, VT), 1)

                VT = np.zeros((n*m,1), int)

    return M
```

Listing 2 presents a C++ code example.

Listing 2: C++ code example.

```cpp
#include<stdio.h>
#include<iostream>
// A comment
int main(void)
{
  printf("Hello World\n");
  return 0;
}
```

3.3 EXPERIMENTS

CONCLUSIONS

Conclusions goes here ...

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