



# **Name of thesis**

Department Lippstadt 2

## **Bachelor Thesis**

for optainment of the degree of  
Bachelor of Engineering

submitted by

**Name of student**

Electronic Engineering

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April 3, 2023

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# 1 Introduction

In the following I will explain in detail the introduction to the topic. In Section 1.1 I will give a motivation on the thesis topic. Section 1.2 gives an overview of the goals this thesis and in Section 1.3 I will give an overview of my thesis.

## 1.1 Motivation

M O T I V A T I O N.

## 1.2 Goals

G O A L S.

## 1.3 Overview

The required fundamentals of this thesis are explained in Chapter 2. These includes the fundamental basics of automata theory. Related work is discussed in Chapter 3. The detailed consideration of the influences on this work, such as existing systems to be considered, user requirements and environmental influences are analyzed in Chapter 4. Based on this analysis as well as related work, a design is presented in Chapter 5 that considers the posed requirements of this work. An evaluation of the developed approach is presented in Chapter 6. Here, the requirements set are reflected upon. Finally, a summary and outlook is presented in Chapter 7.



## 2 Fundamentals

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## 3 Related Work

In [EHH<sup>+</sup>13], [GHH11], and [HH11] ...



# 4 Analysis

Based on our work in [HOGS10].



## 5 Design and Implementation

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## 6 Evaluation

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## 7 Outlook and Summary

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# Affidavit

I <your full name> herewith declare that I have composed the present paper and work by myself and without use of any other than the cited sources and aids. Sentences or parts of sentences quoted literally are marked as such; other references with regard to the statement and scope are indicated by full details of the publications concerned. The paper and work in the same or similar form has not been submitted to any examination body and has not been published. This paper was not yet, even in part, used in another examination or as a course performance. .

Lippstadt, April 3, 2023

Name of student

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# **A Appendix**

## **A.1 Code in detail**