

Implementing a graph-based clause-selection strategy for Automatic Theorem Proving in Python

from the course of studies Computer Science

at the Cooperative State University Baden-Württemberg Stuttgart

by

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Declaration of Authorship

Gemäß Ziffer 1.1.13 der Anlage 1 zu §§ 3, 4 und 5 der Studien- und Prüfungsordnung für die Bachelorstudiengänge im Studienbereich Technik der Dualen Hochschule Baden- Württemberg vom 29.09.2017. Ich versichere hiermit, dass ich meine Arbeit mit dem Thema:

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selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt habe. Ich versichere zudem, dass alle eingereichten Fassungen übereinstimmen.

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List of Acronyms

FOL	First order Logic
HTTP	Hypertext Transfer Protocol
REST	Representational State Transfer

Glossary

Exploit	An exploit is a method or piece of code that takes advantage of vulnerabilities in software, applications, networks, operating systems, or hardware, typically for malicious purposes.
Patch	A patch is data that is intended to be used to modify an existing software resource such as a program or a file, often to fix bugs and security vulnerabilities.
Vulnerability	A Vulnerability is a flaw in a computer system that weakens the overall security of the system.

1 Introduction

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2 Theory

2 Theory

2.1 First order Logic (FOL)

References

References