

Thesis Title

Bachelor Thesis Proposal & Work Plan

First Name + Name

matriculation number: xxxxxxxx

mail-address

November 6, 2017

1 Motivation

2 Task Objectives

3 Task Description

4 Time-Schedule and Subtasks

Phase \ Task	1. Month	2. Month	3. Month	4. Month	5. Month
Literature research					
Design					
Implementation					
Evaluation					
Documentation					

Figure 1: Sketch of the time schedule for the work on the thesis

5 Initial Document Structure

1. Introduction
2. ...

References

- [BL05] BONGARD, Josh; LIPSON, Hod: Active Coevolutionary Learning of Deterministic Finite Automata. In: *J. Mach. Learn. Res.* 6 (2005), Dezember, S. 1651–1678. – ISSN 1532–4435
- [CHT03] CHANNABASAVIAIAH, Kishore; HOLLEY, Kerrie; TUGGLE, Edward: Migrating to a service-oriented architecture. In: *IBM DeveloperWorks* 16 (2003)
- [DPAM00] DEB, Kalyanmoy; PRATAP, Amrit; AGARWAL, Sameer; MEYARIVAN, T.: A Fast Elitist Multi-Objective Genetic Algorithm: NSGA-II. In: *IEEE Transactions on Evolutionary Computation* 6 (2000), S. 182–197
- [Hor51] HORN, Alfred: On Sentences Which are True of Direct Unions of Algebras. In: *The Journal of Symbolic Logic* 16 (1951), Nr. 1, S. 14–21. – ISSN 00224812
- [Lan94] LANKHORST, Marc M.: Breeding Grammars: Grammatical Inference with a Genetic Algorithm. In: *Proceedings of the 1994 EUROSIM conference on massively parallel processing applications and development*, Elsevier, 1994, S. 423–430
- [LPP98] LANG, Kevin J.; PEARLMUTTER, Barak A.; PRICE, Rodney A.: Results of the Abbadingo One DFA Learning Competition and a New Evidence-Driven State Merging Algorithm. In: *Proceedings of the 4th International Colloquium on Grammatical Inference*. London, UK, UK : Springer-Verlag, 1998 (ICGI '98). – ISBN 3–540–64776–7, S. 1–12
- [LR05] LUCAS, Simon M.; REYNOLDS, T. J.: Learning Deterministic Finite Automata with a Smart State Labeling Evolutionary Algorithm. In: *IEEE Trans. Pattern Anal. Mach. Intell.* 27 (2005), Juli, Nr. 7, S. 1063–1074. – ISSN 0162–8828
- [Obj15] Object Management Group (OMG): *OMG Unified Modelling Language*. v 2.5. March 2015
- [RH16] VAN ROOIJEN, Lorijn; HAMANN, Heiko: Requirements Specification-by-Example Using a Multi-Objective Evolutionary Algorithm. (2016). – AIRE16

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