Technische Universitaet Berlin

Fakultaet IV - Elektrotechnik und Informatik

Fachgebiet AOT
Prof. Dr. Sahin Albayrak

Bachelorthesis proposal

Sparked, an intuitive user interface for the automated machine learning project CODA

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1 Motivation

2 Objective

3 Work packages

4 Schedule

The time allotted to a bachelor thesis as defined in my examination regulation (StuPO-BSc-INF-2014) is 20 weeks.

5 Organizational

- Language of this Bachelorthesis is english.

- The thesis will be written with pdflatex.

- The programming of the user interface uses several languages and technologies.
  - Java with Spring MVC for the backend
  - Angular 5 (typescript) and css for the frontend
  - MongoDB for data persistence
  - chart.js to diplay results in charts
  - Jackson 2 for automated conversion of data between JSON files and Java objects
  - Docker on linux as hosting system for all used systems

- Supervisors is Christian Geißler

- Evaluators are Prof. Dr. Albayrak and Prof. Kao

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6 Appendix