IIK master project problem description form

Tentative title of thesis/topic: **Using Neural Networks for IoT Power Management**

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Start date of master project: 20.01.2020

**Problem description**

This project investigates whether neural networks can be used torealize intelligent power management in IoT devices. It takes exter-nally provided trained models and attempts to implement them onresource-contrained IoT devices. Knowledge about real-world limitationsdiscovered in this process, as well as steps for how to overcome them,are the desired results of the project.

Date for approval of problem description: 15.04.2020

Supervisor (Responsible professor): . . . . . . . . . . . . . . . . . . . . . . . . . . .

name