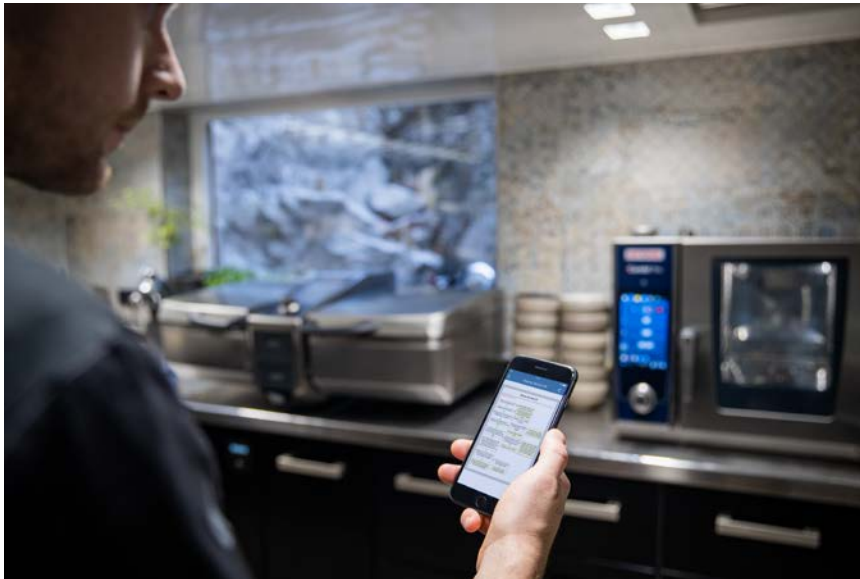


## Predictive Maintenance for Professional Cooking Machines

Predictive maintenance aims to improve efficiency and reduce the cost of regular machine maintenance. For that purpose, data-driven models and the Internet of Things infrastructure collect machine runtime data. Failure detection and prognosis can be implemented using the data and suitable algorithms for learning trends and patterns. The project researches possibilities in predictive maintenance for professional steam cooking machines.



### Scope of the internship

- Preparation of data for machine learning by filtering information and creating features
- Implementation and evaluation of different anomaly detection and prognosis algorithms

### Special requirements

- Basic knowledge of python and popular machine learning frameworks
- Interest in the evaluation of different solutions and technical discussions

**Qualification level:** Preferably Master's degree or advanced Bachelor's degree

**Programs lines:** SRI, A2S, BA/MA

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