



Ausschreibung Masterarbeit

„Developing Computational Models for Detecting and Supporting Creativity in Educational Technologies“

Termin: Beginn ab sofort

Beschreibung:

Creative thinking is a unique characteristic of each individual and it has been shown to promote students' critical thinking, self motivation and to promote students' mastery of skills and concepts. Despite their increasing prevalence in schools, technological educational environments do not currently promote creativity in students' interactions or support teachers' ability to detect creative thinking by students. In this thesis, you will develop a computational model that automatically detects creativity in students through their interactions with the system.

The thesis work will be divided into the following phases:

- Development of a machine-learning (computational) model that predicts creativity of students' work, based on certain attributes derived during analysis.
- Evaluating the built model through an experimental study.

Required Skills: Good programming skills (z.B. in Python)

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