



COLLEGE of ENGINEERING AND PHYSICAL SCIENCES

SCHOOL OF COMPUTER SCIENCE

PhD Seminar 1

Tuesday March 12, 2019 at 2:30PM in Reynolds, Room 2224
Automated Feedback for Instructors of large classes

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ABSTRACT:

Instructors are key factors in the learning process, but may have difficulty responding to students' needs and queries when teaching large classes. Addressing students' problems proactively by the instructors may increase both students' satisfaction and success rate. Formative feedback, even automated feedback, can effectively fill the gap between what students need and what instructors are able to provide. Some work has been done regarding the effectiveness of feedback to students, and suggests frameworks providing guidelines and methods that serve students' outcomes and course contents. However, less research has been done on the effects of timely, formative feedback to the instructors. This research proposes a mechanism for providing automatic feedback and recommendations for instructors that may improve student learning outcomes and satisfaction.