

# Abstract

**Ahmed T. Dahroug**

## **The impact of social media networks on enhancing students' performance in online learning systems**

Many researchers said that determining learning styles enhance the learning development and makes learning easier for students. Learning management systems (LMS) are very successful in e-learning even though it does not include learning styles. As learning styles must be taken into consideration in LMS, students' behavior in online courses needs to be analyzed and observed. In the beginning we show that students with different learning styles act differently and process information in different ways. Secondly, a new technique for determining learning styles is suggested. Finally, we propose a framework for course personalization based on Felder- Silverman for each learning styles and how course presentation will differ according to the learning style.