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This blog hosts weekly news about the Texas A&M University Sketch Recognition Lab. SRL is directed by Dr. Tracy Hammond, an associate professor in the Computer Science and Engineering Department. More information about the lab can be found at <http://srl.tamu.edu>

Thursday, March 3, 2016

SRL Thesis Defense: Shalini Priya Ashok Kumar Thursday, March 3

Title: Evaluation of Conceptual Sketches on Stylus-based Devices

[SRL Thesis Defense: Shalini Priya Ashok Kumar](#)
Thursday, March 3

Title: Evaluation of Conceptual Sketches on Stylus-based Devices

Shalini Priya Ashok Kumar
9:00am Thursday, March 3, 2016
Room 323 Teague Building

Abstract

Design Sketching is an important tool for designers and creative professionals to express their ideas and thoughts onto visual medium. Being a very critical and versatile skill for engineering students, this course is often taught in universities on pen and paper. However, this traditional pedagogy is limited by the availability of human instructors for their feedback. Using intelligent interfaces this problem can be solved where we try to mimic the feedback given by an instructor and assess the student drawn sketches to give them insight of the areas they need to improve on. PerSketchTivity is an intelligent tutoring system which allows students to practice their drawing fundamentals and gives them real-time assessment and feedback. This research deals with coming up with the grading rubric that will enable us to grade students from their sketch data.

Biography

Shalini Priya Ashok Kumar got her Bachelor of Technology degree in Information Technology from National Institute of Technology Karnataka, Surathkal. She worked for Citrix R&D India, Bangalore for a couple of years after which she joined Texas A&M University in the Masters program. She works in the Sketch Recognition Lab on developing software for Design sketching students. Her interests are Artificial Intelligence, Machine learning and Human Computer Interaction.



Posted by [Anna Stepanova](#) at [9:13 AM](#)



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Congrats Master Shalini!

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