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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>

Friday, March 4, 2016

SRL Dissertation Defense Hong-Hoe (Ayden) Kim Friday, March 4, 2016 , Title: A Fine Motor Skill Classifying Framework to Support Children's Self-regulation Skills and School Readiness

SRL Dissertation Defense

Hong-Hoe (Ayden) Kim
Friday, March 4, 2016

Title: A Fine Motor Skill Classifying Framework to Support Children's Self-regulation Skills and School Readiness

Hong-hoe Kim

3:30pm Friday, March 4, 2016
Room 323 Teague Building

Abstract

Children's self-regulation skills predict their school-readiness and social behaviors, and assessing these skills enables parents to target areas for improvement children to enter school ready to learn and achieve. To assess children's fine motor skills, current educators are assessing those skills by either determining their shape drawing correctness or measuring their drawing time durations through paper-based assessments. However, the methods involve human experts manually assessing children's fine motor skills, which are time consuming and prone to human error and bias. We introduce our fine motor skill classifying framework based on children's digital drawings on tablet-computers. The framework contains two fine motor skill classifiers and a sketch-based educational interface.

Biography

Hong-hoe Kim is a PhD Candidate in sketch-recognition lab at Texas A&M University under the supervision of Dr. Tracy Hammond. He received his Masters degree in Computer Science from Texas A&M University and B.S. degree in Computer Science from Soongsil University in Korea. His research area includes Child-Computer Interaction, Human-Computer Interaction (HCI), Machine Learning, and Educational Psychology.

Advisor: Dr. Tracy Hammond

Posted by [Tracy Hammond](#) at [3:51 PM](#)



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Congrats Dr. Hong-Hoe (Ayden) Kim!

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