

SCS WEDNESDAY WIRE | OCTOBER 19, 2022

A midweek update from the SCS Dean's Office

SCS NEWS

— A team of researchers in the Human-Computer Interaction Institute will use [a grant from the U.S. Department of Education's Institute of Education Sciences](#) to develop and test a smartphone-based tutoring system for middle school mathematics that's rooted in AI.

— Research from the Robotics Institute could one day [allow robots to seamlessly open drawers, doors and hinged lids](#). While humans interact with various articulated objects daily — opening a refrigerator door or lifting a toilet seat are good examples — these tasks present a challenge in robotics.

CONGRATULATIONS . . .

. . . to 2016 SCS alumna [Siddha Ganju, who received an Outstanding Recent Alumni Award](#) from CMU for her professional success and service to her field. An AI researcher and deep learning architect for autonomous vehicle development and validation at Nvidia, Ganju appeared on the 2019 Forbes 30 Under 30 list and has developed deep learning models for resource constraint electronic devices at Deep Vision.

. . . to everyone at Rapid Flow Technologies, a traffic technology company co-founded by SCS faculty member Stephen Smith and former Ph.D. student Gregory Barlow. [Rapid Flow Technologies has been acquired by Miovision](#).

. . . to four SCS faculty members received [Amazon AWS AI Research Awards](#) to support their work on open-source tools and research that benefit machine learning. The grants also support research that uses machine learning tools on Amazon Web Services (AWS) such as AWS AI Services or AWS ML Services. [Faculty members receiving awards](#) include: Zhihao Jia, assistant professor in the Computer Science Department; Pradeep Ravikumar and Andrej Risteski, both faculty in the Machine Learning Department; and Shinji Watanabe, associate professor in the Language Technologies Institute.

COMING UP

— Starting tomorrow, nearly 40 undergraduate women from universities across the U.S. will arrive on campus for [OurCS: Women in Tech 2022](#). This three-day workshop is designed to give women in computer science and related fields hands-on research experience alongside leaders from academia and industry. Please join me in extending a warm welcome to our visitors if you see them in and around GHC. My thanks to the team in the [SCS DEI Office](#) for producing this event for the first time since 2019.

Until next week,
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REMEMBER YOUR RESOURCES

Connect with a [Dean's Advisory Committee](#) if you have questions or concerns you want to share.

Connect with a representative leader from [SCS Council](#) if you'd like to submit a topic for Council to consider.

Coronavirus [Updates & Information](#) and [FAQs](#)

[SCS Alerts & Resources](#) | [For Students](#) | [For Faculty & Staff](#) | [For Researchers](#)