SCS WEDNESDAY WIRE | November 24, 2021
A midweek update from the SCS Dean's Office | FACIAL COVERINGS | VACCINE DATABASE

Happy Thanksgiving! Enjoy your brief break . . .

SCS NEWS + AWARDS
— Matthew Weidner, a Ph.D. candidate in the Computer Science Department, wants group messaging apps like WhatsApp to give users more control over their messages. He was the lead author on a study presented at last week's ACM Conference on Computer and Communications Security arguing that the services group messaging apps use should be decentralized.

— A team of Human-Computer Interaction Institute (HCII) researchers developed a tool called Strata that helps developers evaluate the reliability of existing content and whether it can be reused based on context, trustworthiness and thoroughness. HCII Ph.D student Michael Xieyang Liu is the lead author of a paper titled, "To Reuse or Not To Reuse?: A Framework and System for Evaluating Summarized Knowledge." The work received a Best Paper award at the 24th ACM Conference on Computer-Supported Cooperative Work and Social Computing last month.

— Haojian Jin, a Ph.D. student in the HCII, is the lead author of a recent CyLab study which proposes a privacy review that is cheaper and makes it easier to receive direct user feedback in the development process. The study, "Lean Privacy Review: Collecting Users' Privacy Concerns of Data Practices at a Low Cost," was published in the current issue of ACM Transactions on Computer-Human Interaction.

— Hyunsung Cho, a Ph.D. student in the HCII, felt that the endless scroll of recommended videos, photos and posts left her regretting the time she spent on social media. That feeling motivated Cho — with colleagues from the Korea Advanced Institute of Science and Technology (KAIST) and the University of Maryland — to research how users spend time on social media and how it makes them feel.

— Artur Dubrawski, the Alumni Research Professor of Computer Science is a member of the research team that developed the Enhanced Detection System for Healthcare-Associated Transmission (EDS-HAT), coupling the recent development of affordable genomic sequencing with computer algorithms connected to the vast trove of data in electronic health records. By coupling machine learning with whole genome sequencing, CMU and University of Pittsburgh School of Medicine scientists have greatly improved the quick detection of infectious disease outbreaks within a hospital setting.

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 Staff | For Faculty | For Researchers