KEYNOTE TALK

Wednesday, October 7, 2020 at 9:00am

Fun with Visualization in the Data Deluge

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Abstract: From smart phones to fitness trackers to sensor enabled buildings, data is currently being collected at an unprecedented rate. Now, more than ever, data exists that can be used to gain insight into questions that run the gamut from nonsensical to essential. One key technology for gaining insight into data is visualization. In this talk, we will explore how visualization can be leveraged to help us entertain fun and unique questions in the data deluge. We will investigate how social media can help us predict the next blockbuster film, how much information does your name carry, how Google Street View can open a world of questions for urban planners, and more. By thinking about fun questions for datasets, we will demonstrate how visual computing can help build cross-domain collaborations, paving the way to discover new insights and challenges.

Speaker Bio-Sketch: Ross Maciejewski is an Associate Professor at Arizona State University in the School of Computing, Informatics & Decision Systems Engineering and Director of the Center for Accelerating Operational Efficiency (CAOE) – a Department of Homeland Security Center of Excellence. His primary research interests are in the areas of geographical visualization and visual analytics. Professor Maciejewski is a recipient of an NSF CAREER Award (2014) and was named a Fulton Faculty Exemplar (2017) and Global Security Fellow at Arizona State. His work has been recognized through a variety of awards at the IEEE Visual Analytics Contest (2010, 2013, 2015), a best paper award in EuroVis 2017, and a CHI Honorable Mention Award in 2018. He was Co-Chair of IEEE VIS in 2017 and Papers Co-Chair for the 2019 and 2020 IEEE Visual Analytics Science and Technology (VAST) Conference. He currently serves as an Associate Editor for IEEE Transactions on Visualization and Computer Graphics.