Computer Science Symposium

How can a Computer Scientist be successful in a BIG DATA world?

presented by
Emmet C. Eckman III

March 20, 7:00PM, Roddy 149

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What does a computer scientist or engineer need to know about big data? A brief exploration of big data (what is it and why is it important and how big is big?), s systems engineering view of big data, and an overview of the critical skills necessary to be successful working with big data. This includes a review and comparison of utility and analytic clouds (vendor neutral and specific), their underlying technology and implications of needed skills to be successful now and into the future.

Bio

Emmet C. Eckman III ("Rusty") is currently the Northrop Grumman Corporation's Cyber and Intelligence Mission Solutions Division, Director of Engineering. He is responsible for the technical health of the engineering workforce, workforce planning and forecasting, as well as the application of the engineering processes across the Cyber and Intelligence division.

Rusty has over 30 years of engineering expertise in the Intelligence Community, in and out of the government, as a civilian, contractor and US Army reservist. He has experience designing, building and maintaining systems across the entire system lifecycle for customers in the Aerospace and Defense domain.

Rusty obtained his BS degree in Computer Science and Political Science from the Millersville University of Pennsylvania and a MS degree in Computer Science from the Johns Hopkins University. He is a Northrop Grumman *emeritus* Technical Fellow and a PMI certified PMP, an INCOSE ESEP, the INCOSE Certification Advisory Group chair, a certified SCRUM Master and eXtreme Programming practioner.

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