Numerical Analysis and Scientific Computing Colloquium

Future of education in data science: what mode shall we take?

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Abstract: In the past several years, education of Big Data has expanded beyond the realm of computer science. This movement is occurring all over the USA and now in China because of educational reformation taken place there.

In this lecture I will discuss from my own experience in both countries how this phenomenon is happening. We are witnessing a reformation and a struggle between computer science, applied mathematics and the user community. Geosciences is a discipline noted for its wealth of data, as are also other disciplines, such as medicine and finances. We will discuss the need for education and contrast this with training of students to use industrial programs for gaining immediate employment.

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Mathematics
Emory University