



Colloquium

Computer Science Department, Oklahoma State University

Dr. Randy Guthrie

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3:25pm - 4:25pm, Thursday, April 9, 2009

310 MSCS, Stillwater; 222 NCB, Tulsa

Cloud Computing / Windows Azure

Abstract

Using computers in the cloud can make lots of sense. Rather than buying and maintaining your own machines, why not exploit the acres of Internet-accessible servers on offer today? For some applications, their code and data might both live in the cloud, where somebody else manages and maintains the systems they use. Alternatively, applications that run inside an organization—on-premises applications—might store data in the cloud or rely on other cloud infrastructure services. Applications that run on desktops and mobile devices can use services in the cloud to synchronize information across many systems or in other ways. However it's done, exploiting the cloud's capabilities can improve our world. But whether an application runs in the cloud, uses services provided by the cloud, or both, some kind of application platform is required. Microsoft's Azure Services Platform is a group of cloud technologies, each providing a specific set of services to application developers. In this presentation, we'll explore Microsoft's Azure Services Platform, and see a demonstration of a how to build a simple cloud application and push it to the Azure Cloud.

Biography:



Randy Guthrie is an Academic Developer Evangelist for Microsoft Corporation. In this role, Randy provides academic and research support to faculty and students at schools in the southwestern portion of the US. Prior to his working at Microsoft, Randy was a professor at Cal Poly Pomona, where he taught software engineering, programming and information systems courses. During his tenure at Cal Poly, Randy was also the volunteer Director of a community employment center. Before his appointment at Cal Poly, Randy spent thirteen years working for the Northrop Grumman Corporation, where he was a contract manager on the Stealth Bomber project, a project manager, and financial analyst. Randy earned

his Bachelors Degree in Business from the University of La Verne in 1991, an MBA in 1998 from the Peter F. Drucker School of Management, and a PhD in Information Science in 2007 from the School of Information Science and Technology at Claremont Graduate University. Randy currently resides in Denver, Colorado with his wife Jane and son Seth.

(Refreshments will be served.)