Technical Seminar and Round Table Discussion with Industry Affiliates

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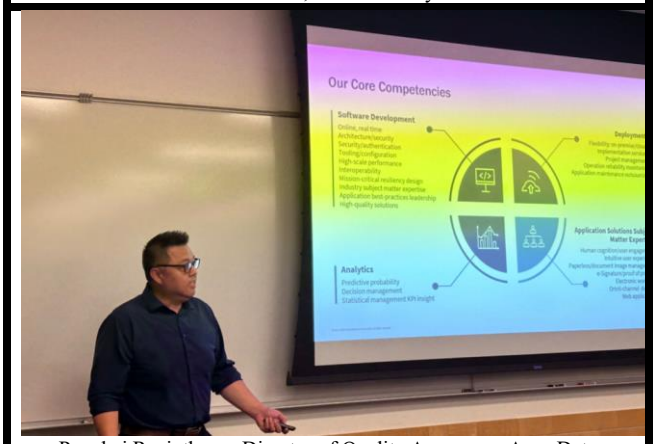
The Dallas Chapter of the IEEE Reliability Society, in conjunction with the Department of Computer Science at the University of Texas at Dallas, organized a round table discussion with industry affiliates and a one-hour technical seminar on June 20, 2024. The focus was on the dependability (security, safety, and reliability) of software systems.

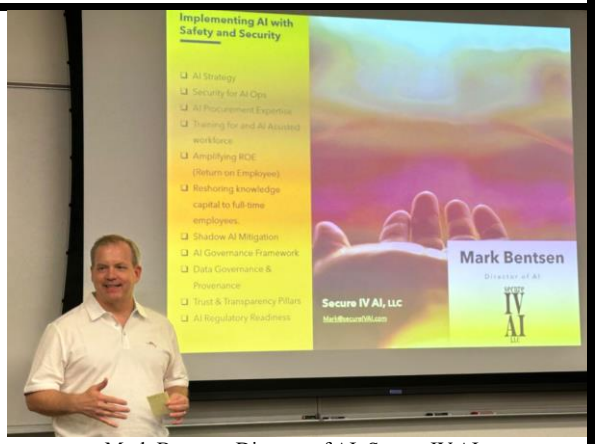
The first hour was a discussion with representatives from our industry affiliates, including Dr. Sean Pan and Dr. Liangseng Koh from RFCyber, Dr. Tom Hill from the Fellows Consulting Group, Ponchai Reainthong from Argo Data, and Mark Bentsen from Secure IVAI. Each speaker first gave a brief introduction to the core business and potential job opportunities of their companies. After that, the Q/A was open to the attendees. All the discussions were very lively. The results were also very satisfactory. Many attendees asked for the contact information of our speakers for follow-up communications.

Dr. Sean Pan, CEO of RFCyber

Dr. Tom Hill, Partner of The Fellows Consulting Group



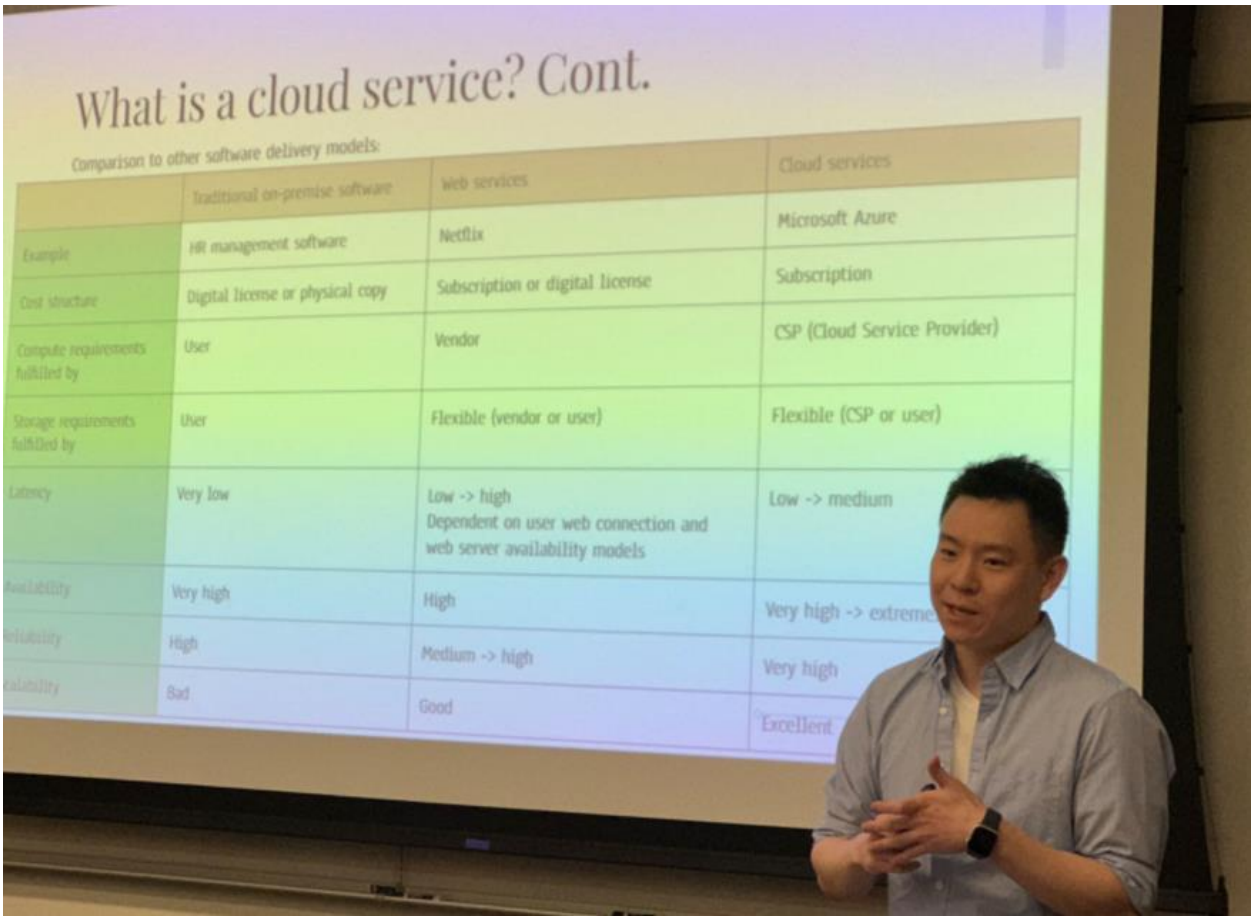
Ponchai Reainthong, Director of Quality Assurance, Argo Data



Mark Bentsen, Director of AI, Secure IV AI
David Reichenecker, CISSP, MSIA, Secure IV AI

There was also a technical seminar on *Improving Reliability of Cloud Service* by Ryan Ren from Microsoft. Cloud services refer to a wide range of services delivered over the internet or "the cloud." These services are designed to provide scalable, efficient, and flexible resources to individuals, businesses, and organizations. Microsoft Azure is one of the biggest Cloud Service Providers (CSP) available, along with AWS and GCP. This talk focuses on two aspects

of reliability in the context of a cloud service: (1) consistency: how often operations that expect to return the same results agree with each other, and (2) fault tolerance: whether a software service is available when certain components are failing, and consequently how fast a service can recover upon failure.



In addition to graduate students in the Department of Computer Science at the University of Texas at Dallas, other attendees include Professor Sophia Hu, Baylor University, and students in the 2024 class of the NSF REU Summer Research Program on *Software Dependability Centric Research and Application* (http://reu.techconf.org) under the supervision of Professor W. Eric Wong.