

**Software Technologies Distinguished Lecture Series 2011**  
**Florida Gulf Coast University**  
**Academic 7 – Auditorium 114**  
**April 14, 2011, 6:00-7:00pm**

**Software Engineering with Web Technologies:**  
**Aligning Educational Goals with Business Needs**

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***Abstract.*** Web technologies and web frameworks are becoming increasingly popular amongst businesses today. They allow software companies to provide expanded access to software that was previously distributed only as local applications. Furthermore, businesses are looking for ways to cut costs and increase employee productivity. These technologies allow the programmers to define high-level descriptions of the program, which decreases the amount of development resources needed. In this talk, we will describe the importance of web technologies and the use of frameworks to increase productivity. We will discuss the growing needs for businesses today and how to help align the educational goals to fill these evolving needs.

***Speakers' Bios.*** Rick Szatkowski is a Sr. Programmer Analyst at Pegasus Solutions Inc., since 2009. His job focuses on working with the UI (User Interface) aspect of different web based technologies to meet the needs of hotel administrators. Rick has previously worked at Internet Office Inc., as Sr. Software Developer from 2003 to 2009. His responsibilities at Internet Office were to work with web technologies creating a portal for small business owners to be able to manage their business and their website from one location. Rick graduated from FGCU in 2007 with a BS in Computer Science. During his time at FGCU he worked as team lead on two web projects for the IEEE Computer Society Competition – History of Computing. Both years the team finished as finalists in the international competitions for CHC60 and CHC61

Victor Elci graduated from FGCU in 2008 with a BS in Computer Science and a BS in Mathematics. He received his MS in Computer Science at Florida Atlantic University in 2010. Victor has been working as a Programmer Analyst at Pegasus Solutions since 2008 where he works on the web services to provide an interface for their backend.