



CGS3001 Current Trends in Computing Technology (Seminar)

Every Friday, 1-1:50pm, January 13 to April 21

The School of Computing is looking for IT professionals who can talk about recent technologies and trends in the computing industry. Below is a tentative list of topics (other topics are welcome). If you know of someone who may be interested in giving a 40-45 minutes presentation on Fridays at 1pm, please ask them to send me an email (selffayou@unf.edu) or call me at 904-620-1318. You might as well send me their information and I will reach out.

SUGGESTED TOPICS

SOFTWARE DEVELOPMENT	Development methodologies; agile development; DevOps; code analysis methods; development for the cloud; mobile app development; design patterns
BIG DATA	Data analytics; big data technologies (Hadoop, Spark, Elastic search, etc.); dashboards; data visualization; predictive modeling; natural language processing
COMPUTER SECURITY	Log analysis (Splunk, etc.); forensics; intrusion detection; adaptive security; case studies
COMPUTER NETWORKS	IoT; virtualization; software-defined networking; energy efficient networks
HIGH PERFORMANCE COMPUTING	Cluster computing; GPUs; Multi-threading
DATA STORAGE TECHNOLOGIES	RAID; scale-out NAS; key-value stores; object stores; triple stores; columnar databases; No SQL; Mongo DB
MACHINE LEARNING AND AI	Predictive modeling; robotics; clustering; outlier analysis; pattern recognition