CFITS

Center for Forensics, Information Technology, and Security

MONTH

YEAR

March 2016

School of Computing

Dates to Remember

DIGITAL FORENSICS INFORMATION INTELLIGENCE RESEARCH GROUP

Shelby Hall Room 2121

5:15—6:00

March 4 : Clay Davidson—

Feasibility of applying Moving Target Defensive Techniques in a SCADA System

March 11: Doug Greene -

Email Forensics

March 18: No Meeting During Spring Break

March 25: TBA

Quote of the Month

Dennis Van Roekel

Former President of National Education Association

Learning to code unlocks creativity and builds confidence in students regardless of age, gender, or race. Computer programming can also be a teaching tool for other subjects, from physics to French. With today's technology, learning to code is more fun and more accessible than ever, and America's teachers welcome it into our schools and classrooms.

Save the Date

Wednesday Lecture and Network Forum

Lecturer: Becky Bace

March 16, 2016, 2:30-4:00pm

University of South Alabama

Shelby Hall, 150 Jaguar Dr., Rm. 2119

ALUMNI SPOTLIGHT

Thad Van den Bosch

Thad Van den Bosch is currently Team Manager of Governance and Security for AM/NS Calvert (formerly ThyssenKrupp Steel USA) located in Calvert, Alabama. His career began in 2000 as an Army Infantryman where he lead a team capable of deploying anywhere in the world with little notice and under adverse conditions. He served two combat tours in Afghanistan where he was awarded the Bronze Star Medal with Valor for combat action during Operation Enduring Freedom IV.

After moving back to Mobile in 2006, he used the benefits provided by the Veterans Administration to attend University of South Alabama and earn a bachelor's degree in Information Technology with a focus on Networking and Digital Forensics. Thad received his undergraduate degree from the USA School of Computing in 2010 while maintaining a 4.0 GPA and graduating Summa Cum Laude. During his tenure at USA, Thad was an active participant in several societies including Alpha Iota Mu, Phi Kappa Phi, and the ACM. He pursued an internship as an IT Technical Specialist with ThyssenKrupp Steel USA during his sophomore year which lead to a full-time position as an Information Security Specialist and eventually the management of information security and compliance for the company.

Thad continues to maintain an active presence with USA through managing the current Internship Program between USA and AM/NS Calvert for Information Security and Service Management. His work at AM/NS Calvert has been recognized by his company, as well as the parent organization, ArcelorMittal, http://usa.arcelormittal.com. Recently the Network Security Monitoring project was nominated for the Emerging Technology Award for ArcelorMittal North America due to its capability of utilizing full-packet-capture technology on a tight budget.

We also recognize the work of one of our students, Kevin Cleveland, an intern working with Thad, who worked on this project. In addition to the Network Security Monitoring project, the internship is focusing on an IT Service Management solution utilizing the ServiceNow platform.

School of Computing hosted an award ceremony on Feb 20th at Shelby Hall to recognize the 2016 Mid-Gulf Coast Aspirations in Computing Award Winners and Runners-Up.

Aspirations in Computing is a talent development pipeline initiative of the National Center for Women & IT (NCWIT) open to all high school girls and is designed to increase women's meaningful participation in computing careers by providing encouragement, visibility, community, leadership opportunities, scholarships, and internships to high potential technically inclined young women. Aspirations in Computing is the only national level talent development program for young women in computing and information technology. For more information, visit www.aspirations.org.

Recently, members of the DayZero cyber competition club participated in a virtual qualifier for the Southeast Collegiate Cyber Defense Competition (SECCDC). 27 universities from Georgia, Alabama, Florida, Tennessee, South Carolina, and North Carolina all competed in order gain an invitation to the onsite regional competition which will be held at Kennesaw State University on April 6-7th. Only the top 8 teams received an invitation to the regional onsite and USA's DayZero team earned a spot among them. The competition itself puts students who are managing real computer systems and networks in a corporate business context against a team of attackers that is trained to infiltrate those systems. This is USA's third year competing in SECCDC and our first year to move forward to the final round at Kennesaw. For more information about SECCDC, you can visithttps://www.seccdc.org/.

USA DayZero Wins Invitation to SECCDC-2016 at Kennesaw State

CFITS Volunteer Opportunities

- March 11th—2nd Grade Scratch the Cat
- March 21st—High School Brainwaves/Blender
- March 22nd—5th Grade Beginning Gaming
- March 23rd—5th Grade Beginning Gaming
- March 24th—5th Grade Creating Basic Web Pages
- March 25th—5th Grade Creating Basic Web Pages
- March 30th—3rd Grade ALICE
- March 31st—High School Cyber Ethics

Call the *School of Computing Main Office 460-6390 for* more information on volunteering.