

CFIC@SHSU

Sam Houston State University
Cyber Forensics Intelligence Center Newsletter



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HIGHLIGHTS

- The CFIC and the Department of Computer Science have been awarded an Engaging Spaces Grant to transform room 215.
- The CFIC is open over the summer to meet with Students.
- Congratulations to the spring 2021 graduates!
- Congratulations to the Bearkat Football Team on their FCS National Championship!



DIRECTOR'S MESSAGE

The CFIC would like to congratulate the 2021 graduates. Your efforts in succeeding during the extraordinary challenges of the last year speak to your intrepid fortitude in achieving your goals. We wish you much success in the future and are looking forward to watching you grow in your chosen careers and/or continuing your education.

Summer is often a little quieter on campus, but the CFIC is open and happy to meet with any students wanting to develop areas of research interest, aiding in conducting research, or speaking about scholarly funding opportunities. Please call us, and we can schedule meetings in person or via zoom.

I am happy to announce we have been awarded an internal grant to create an engaging learning space. The lab space in room 215 will undergo a transformation in the months to come. This space will create an inclusive learning environment for students and faculty.

Lastly, congratulations to the Bearkat Football team on their National Championship win! We are all so proud! I wish you all a very safe and successful summer.

Department of Defense Cyber Scholarship Program Recipient: Valentin Gazeau



The Department of Defense (DoD) Cyber Scholarship Program (CySP) is a scholarship program for the DoD. The program supports higher education as a means to prepare students for today's cybersecurity environment and combat threats against critical information system and networks. Valentin Gazeau, a PhD student in the Doctorate in Digital and Cyber Forensic Science Program, is a recipient of the DoD CySP. Please help us in congratulating Valentin on this outstanding accomplishment!

Mr. Valentin Gazeau received his B.S. degree in Computer Science from Sam Houston State University in 2016 and the M.S. degree in Computer Science and Engineering from Sam Houston State University in 2018. He is currently a Ph.D. student in the Digital and Cyber Forensics Science program at Sam Houston State University, Huntsville, Texas. His research interests include cryptocurrencies, machine learning, big data, image processing, digital forensics, and deep neural networks. He worked at Bluecham in New Caledonia as an Artificial Intelligence Engineer from 2018 to 2019, where he created a network of neural networks to process the land cover of the earth's surface using Sentinel-2 and Landsat-8 satellite images. He is also a member of the Association of Computing Machinery, where he actively makes presentations about machine learning. He was a programming teaching assistant for two years during his master's degree and is currently an instructor for the programming fundamentals course while receiving very favorable student reviews.

DFI Seminar Speaker: Ashar Neyaz



Ashar Neyaz is a third year doctoral candidate in the Digital and Cyber Forensic Science program and part-time research assistant at Sam Houston State University in Huntsville, Texas. His doctoral research interest areas include operating systems forensics, storage media and memory forensics, and mobile device forensics.

Ashar holds a master's degree in Digital Forensics from Sam Houston State University as well, and has a bachelor's degree in Computer Science and Engineering from Siddaganga Institute of Technology, India. Apart from scholarly interests, Ashar loves everything about dinosaurs, mechanical engineering, and does photography as a sideline.

Computer Science Faculty Member Highlight: Dr. Narasimha Shashidhar



Dr. Narasimha Shashidhar received his Bachelors of Engineering in Electronics and Communication Engineering from The University of Madras in 2001, and the M.S. and Ph.D. degrees in Computer Science and Engineering from The University of Connecticut in 2004 and 2010, respectively. He is currently an Associate Professor in the Department of Computer Science at Sam Houston State University, Huntsville, TX. His research interests include Cryptography, Information Hiding, Steganography, Electronic Voting and Security, Peer-to-Peer/Sensor Networks and Context-aware pervasive communication. He was a part of the Voting Technology and Research Center (VoTeR) at the University of Connecticut where he advised the State of CT on the security and deployment of electronic voting machines. He has over 40 conference/journal publications and also serves in the editorial advisory/review board and the Technical Program Committee (TPC) of a number of books, journals and conferences. He is currently serving in the role of Director for the Doctor of Philosophy Program in Digital and Cyber Forensic Science. This is the first such doctoral program in the country and is designed to produce the future leaders in industry as well as academia in the field of digital forensics and cyber security.

Partnerships

Internship Program

Organizations partner with the Center to provide on-site internship experiences to students enrolled in the Department of Computer Science at SHSU to assist in workforce development.

*Check the CFIC Web Site for Opportunities

Capstone Project

Provides students with the opportunity to interact with industry while simultaneously introducing them to practical research. These projects are conducted in conjunction with industrial partners at no cost to the organization.

Seminar Presentations

Industrial partners are invited to make presentations during the fall and spring semesters on challenges that they face from cybersecurity, digital forensics, and information assurance perspectives.

CONTACT THE CFIC

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CFIC MISSION

To conduct world-class, leading cyber forensics and security research, provide real-world training solutions, investigate cutting edge cyber forensic investigation resources; promote professional networking; and participate in open data exchanges.

GOALS

To bring together leading industry participants, practitioners, and faculty members from a variety of disciplines to research cyber forensic and digital security topics that are of interest to governmental, commercial and legal communities in order to:

- Deliver innovative, avant-garde, pioneering research expertise in security and forensics that solves real-world problems
- Partner with governmental, commercial, and legal communities to improve workforce education through world-class training programs
- Provide state-of-the-art research facilities, equipment, and training that empowers faculty to pursue substantial research funding
- Deliver to governmental, commercial, and legal communities a collaborative operational and investigative ecosystem for identifying and resolving cyber forensics and security challenges

Please follow us @



Directions

I-45, Huntsville, TX 77340 to Avenue I,
Huntsville, TX 77340

1. Depart I-45, Huntsville, TX 77340
 2. Turn East onto US-190 [SR-30] for 1.1 miles.
 3. Turn Right(South) onto SR-75 [N. Sam Houston Ave] for 0.4 miles.
 4. Turn Left(East) onto 16th St. for 0.2 miles.
 5. Turn Right(South) onto Avenue I for 0.1 miles.
 6. Arrive Avenue I.
- The Cyber Forensics Intelligence Center is located in AB1 Room 208