

System Protected

New Faculty Spotlight



Dr. Amar Rasheed
Department of Computer
Science

The College of Science and Engineering Technology at Sam Houston State University proudly welcomes Dr. Amar Rasheed to the Department of Computer Science. For the department, Dr. Rasheed will be teaching the following courses: System Modeling and Simulations, Computer Organization and Machine Language, and Hardware Forensics. His research interests within computer sciences are cyber security related. They include, but are not limited to, data privacy and intrusion detection systems, algorithms that support user privacy and authentication over Internet of Things (IoT) networks, and the development of unmanned aerial vehicle (UAV) crypto engines that support secure data exchange.

Dr. Rasheed's interest in computer science began early in life; as a child he would collect computer components and electronic devices to learn how the systems operated. During college he took courses that focused on electronic and communication systems in technology so that he could expand his knowledge in the area. Dr. Rasheed holds a bachelor's degree in electronic communication engineering from the University of Baghdad, a master's degree in computer science from Northeastern Illinois University, and a Ph.D. in computer sciences from Texas A&M focusing on "pre-distribution schemes for wireless sensor networks and mobile sink".

When asked what brought Dr. Rasheed to our university, he replied that he "was interested in the many different programs available within the Computer Science department, particularly the digital forensics program." Dr. Rasheed desires to contribute to research at SHSU and "is planning to establish multiple new projects".

Fun Facts

How does your area of research/academia contribute to the world around you?

It makes the cyber world safe for people to use and it enables people to have high rapid access to wide variety of information including medical data by utilizing Internet of Things systems and embedded systems technologies. People will benefit from such technologies when making critical decisions.

What global destination you would like to see/visit most in your lifetime?

Rome, Italy

Do you have any hobbies or outside interest you'd like to share?

Flying and building both model plans and drones.

What time of year do you enjoy the most? Why?

Spring. I enjoy the flowers blooming this time of year.

Dr. Rasheed would like to share a quote with students by Albert Einstein: "Learn from yesterday, live for today, hope for tomorrow. The important thing is to never stop questioning."