The Sam Houston Association of Computer Scientists (SHACS) provides a learning environment through speakers and special projects that unite students, professors, and industry professionals.
A BACHELOR’S DEGREE IN COMPUTER SOFTWARE ENGINEERING TECHNOLOGY

The Bachelor of Science in computer software engineering technology is designed to provide the skills and competencies required by students wishing to pursue a career in software development. Software developers typically focus on either systems or applications. Systems software developers create and maintain the operating systems that make computers and devices run. Application software developers design software programs that run on computers and devices, such as databases and games. Successful software developers are often strong in mathematics, effective communicators who work well with others, and detail-oriented.

REQUIREMENTS

In addition to coursework about programming, databases, and other computer-related topics, the computer software engineering degree requires calculus, discrete mathematics, and statistics. Minors: This program does not require a minor; however, students may select a minor that suits their interests and career goals.

SCHOLARSHIPS

Students may apply for computer software engineering technology scholarships and non-degree specific scholarships by completing the Scholarships4Kats online application. Transfer scholarships are available for students who would like to continue their academic career at Sam Houston. SHSU provides a quality education at an affordable cost.

HIGHLIGHTS

A variety of operating systems, network protocols, programming languages, and application packages are available in the comprehensive computing environment provided for students. In addition to campus resources, the Department of Computer Science operates a range of lab facilities, including network, robotics, and Unix/Linux labs, a data recovery lab, and a network security lab. Off-campus access to departmental computing resources is available.