SAM HOUSTON STATE UNIVERSITY: ACM CHAPTER

2016-2017	Outstanding Chapter Activities Application

This report details the activities that the Sam Houston Association of Computer Scientists—nicknamed "SHACS", completed during the 2016-2017 academic year.

Sam Houston State University: ACM CHAPTER

Chapter Name:	Sam Houston Association of Computer Scientists	1803 AVE I ACADEMIC BLDG 1 FLOOR 2, STE 214 HUNTSIVILLE, TX 77341
Officers:		
President	Andrew Anderson	Aaa021@shsu.edu
Vice President	Ruben Garcia	Rag026@shsu.edu
Secretary	Yesenia Valles	Yev001@shsu.edu
Treasurer	Jennifer Qamruddin	Jkq001@shsu.edu
Media Relations	Alexander Farrack	Ajf033@shsu.edu
Faculty Advisor:	Dr. Li-Jen Shannon	Lys001@shsu.edu
Website URL:	http://www.shacs.org/	https://www.facebook.com/shsushacs/

Chapter Description

The Sam Houston Association of Computer Scientists is the official Association for Computing Machinery chapter of Sam Houston State University. SHACS was established in 1983, making it one of the oldest student organizations on campus. It is a completely student lead organization that unites students, professors, and industry professionals to promote the sharing of knowledge, skills, and networks related to Computing Sciences field. The purpose of this organization is to cultivate a community for students to develop professionally while also providing a way to enhance their college experience through meaningful relationships.

"SHACS" is the largest organization within the College of Sciences on our campus and while tailored to Computer Science, is open to anyone that would like to join and learn of the field. Our membership is predominately a hybrid between Computer Science, Digital Forensics, and Criminal Justice majors. Our total membership after seeing a 500% increase this fiscal year is at 78 members. Our college of Computer Science currently stands at approximately 500 undergraduates and 103 graduate students.

Chapter Activities

Major League Hacking: CodeRed

October 30th, 2016
Attendees: 11

CodeRed is 24 hour long hackathon that occurs in Houston, TX. It is advertised to unite students from college campuses all over Texas to compete and learn in a hands-on environment. The event allows students to build projects and challenge themselves in thinking of creative solutions to problems. At this event, all members came back with awards in a game development challenge that was hosted.

Grace Hopper Conference for Women in Computing

October 20th, 2016
Attendees: 4

The Grace Hopper Celebration of Women in Computing is the world's largest gathering of women technologists. It is produced by the Anita Borg Institute and presented in partnership with ACM. 3 of our members and 1 alumni were selected for the Anita Borg Scholarship, allowing them to participate in this event free of multiple costs.

University of Dallas: Cyber Security Bootcamp

November 4th – November 6th
Attendees: 10

SHACS members were sent to the University of Dallas to participate in a weekend long coding boot camp based off of Cyber Security scripting/programming challenges. 4 of our members came back placing within the top 5% of their CTF (Capture the Flag) competition. Participants came from all over the state of Texas of all different skill levels and backgrounds.

BSides Dallas – Fort Worth

November 7th, 2016
Attendees: 20

B-Sides Dallas/FW is an event that provides low cost alternatives for the curious security professionals, hobbyists, enthusiasts, and practitioners. 20 of our members carpooled and went to participate at this event bringing home badges from the CTF competition as well as lock-picking challenges.

SHACS Colloquium Series

Multiple Dates
Average Attendance: 30
The SHACS Colloquium Series was implemented during the spring 2017 semester. Every other week in between meeting dates, a faculty member or graduate student from our university presents research and upcoming projects within our department to our members.

SHACS FutureTech Conference

March 3rd – March 4th, 2017
Attendance: 163
The Sam Houston Association of Computer Scientists hosts its annual FutureTech Conference each year; the conference is aimed to bring together students, faculty/staff, as well industry professionals to collaborate and share information of upcoming breakthroughs in technology and emerging topics. The conference also has

content that provides students with information on careers in computing, this year in particular—we were proud to host Dr. Dennis Frailey, former ACM Vice President, to speak with our students. Our group had a total of $10,000 worth of sponsorship value through monetary donations, donated door prizes, and assistance from our University. The conference is unique as it is ran solely by the collaborated efforts of students within our organization. All presenters, money, and advertising is done by our ACM Chapter. View our conference website here: http://www.shacs.org/conf/. This was the first year we opened the door entirely free to students.

For a full report on the conference, please contact yev001@shsu.edu