

Trinity University Women in Computing

an ACM-W Student Chapter

1 Trinity Place, San Antonio TX 78212

Faculty Sponsor: Dr. Paul Myers, pmyers@trinity.edu

Chapter Officers: President, Emily Herbert, eherb@trinity.edu

Vice President, Sarah Fordin, sfordin@trinity.edu

Treasurer, Morgan King, mking4@trinity.edu

Secretary, Sam Ortiz, sortiz2@trinity.edu

Our chapter was founded in 2013 and has steadily grown, now supporting over 20 chapter members. As a university of just 2,000 with only around 60 in the computer science major, this is a great success. Almost all participants in Trinity University Women in Computing (TUWIC) are computer science majors.

Outstanding Community Service Application

The Trinity University Women in Computing club (TUWIC) has been an outstanding organization in regards to its community service efforts from its' founding in 2013. This is the fourth year the organization has received grant funding to run a coding camp for middle school girls in the local San Antonio area called TECH Camp. TECH Camp stands for Trinity Encouraging Computing for Her, and now as a recurring camp it has garnered some name recognition. Each year, the \$3,000 awarded from NCWIT's Aspire IT Grant program helps to fund over 30 hours of programming for the girls. Attendees work in teams to create apps based on various social causes using MIT's App Inventor as their main project. Other activities include programming Sphero robots, learning 3D modeling, and engineering challenges such as building the tallest tower.

This program and the organization deserves to be rewarded for the great impact it has made. Each year that TECH camp has run, it serves around 20-25 participants. This year was record breaking, serving 30 students. The location of the camps even had to be moved even to accommodate the additional participants. This large scale service project takes a ton of effort, not just from the officer but from our entire organization who serves as volunteers throughout the camp program.

As computer science still struggles to achieve equal gender representation, TUWIC was especially motivated to provide this outreach program to teach the younger generation of girls and get them excited about careers in computer science. We have been proud to see the program grow and flourish, and are excited to continue the service in the future.

To see more information on TECH Camp, visit our website:

www.cs.trinity.edu/~tuwic/TECHcamp/