Chapter Name: Stern College for Women
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Stern College for Women is the undergraduate women's college of arts and sciences of Yeshiva University. It serves over a thousand undergraduate students, of which a hundred and twenty students signed up to receive emails from our ACM-W chapter. This is our first year of operation. The computer science major at Stern College was founded in 2016, and so far there are twenty students majoring in Computer Science. There are, on average, 100 students taking computer science classes annually, many of whom are Math, Biology, and Chemistry majors. The more advanced computer science courses are taken by up to 30 students a semester.

Outstanding Chapter Activities

For the 2016-2017 school year our chapter helped plan and sponsor an exceptional amount of computer science related activities. On October 29, we hosted InventYU, a 24-hr hackathon sponsored by the Stern College Student Life Committee, Major League Hacking, and businesses we solicited. The hackathon boasted 200 participants, workshops from faculty and business sponsors, and project submissions that helped seniors call doctors, people walk home safely with GPS tracking, and a fire extinguisher checker. As part of the hackathon we also planned the first YU Tech Fair, hosting five companies that helped sponsor the hackathon and gave students a taste for career options in tech. The companies were in Health Care, Real Estate, and Travel.

To prepare more students to compete in next years hackathon, and at hackathons at other institutions, from November through March our chapter hosted 6 'app-hacking' sessions where students from all majors could come learn Ruby on Rails from alumni working in tech. We also did shorter sessions for 'bot making' and cloud computing. 8-15 students majoring in math, computer science and business attended the two hour long workshops, and 4 self selected students took what they learned from the course and, with sponsorship from the Dean's Office, built a Ruby on Rails application at the JHacks hackathon in Maryland.

Another chapter run initiative spearheaded this year took place with sponsorship from Google. Two chapter members planned 6 Arduino coding sessions for 40 high school students from schools in the tri-state area.The students were bused in for the sessions and learned Arduino basics from chapter members. After three study

sessions the students formed groups and built projects ranging from a bubble machine to a temperature sensor that plays music based on weather.

Our chapter also hosted smaller events, like a coding hour game night, and a tech-night panel with professionals working in small tech businesses.

The events were a success because they were well attended, funded, planned, and marketed by students passionate to take part. https://inventyu.com/ Our Computer Science major is new and students are excited to take part in its activities.