Research Experience for High School Students Project Description

Project Title: Summer Computing and Science Academy Assistant

Overall Research Project

Do you love working with students in a fun and informal setting? Do you like learning about new software programs? Then this summer opportunity is for you! Help the San Diego Supercomputer Center (SDSC) with its summer workshops and learn new skills in the process. We are offering a variety of workshops from environmental science to cinematic arts and Java to physics, C programming and much more! We need you to be a course assistant, helping the instructor by helping the students with questions and project help. Students will work either at SDSC or at another location on the UCSD campus. Learn new skills in leadership, while learning new programming languages and scientific methods.

Don’t worry if you don’t know the software being taught. All you need to do is follow along with the instructor. This is a great opportunity for you to learn many of the new and familiar software packages being used today.

Number of Students Requested: four - six

Name of Lead person: Ange Mason, Education Program Manager, San Diego Supercomputer Center, UCSD

Plan to Integrate Student into Group Activity:

The student will be a part of the summer student staff working to assist with our busy schedule of summer workshops. He or she will attend the group meetings and share in weekly planning and logistical meetings. The student will work closely with the project lead and the other Education team members.

Student Prerequisite:

We are looking for a student who is self-driven and able to work with minimal supervision. Student must be customer service oriented and like working with a diverse population of students. Each week, students will be sent the software links for the following week. Students must become familiar with the software in order to be an effective workshop assistant. This is a position requirement.

Preferred But Not Required

Student Assistants should have prior experience working with middle and high school students in a camp or TA environment or have attended previous SDSC workshops.

All student assistants will be required to have a background check through UCSD.
Number of hours per week: To be arranged (16-24). Students are asked to work full days for continuity with the workshop participants.

Relevant Links:

Summer 2015 Programs:

http://education.sdsc.edu/studenttech/?page_id=570

San Diego Supercomputer Center:

http://www.sdsc.edu/

San Diego Supercomputer Center StudentTECH program:

http://education.sdsc.edu/studenttech/