CALL FOR APPLICATIONS

REU Site: Data Science in the Life Sciences, Environmental Science, and Engineering and Industrial Applications

Harvey Mudd College, Claremont, California

General Information:
Harvey Mudd College, located approximately 35 miles east of Los Angeles, will host a Research Experiences for Undergraduates (REU) site in Data Science during summer 2018.

The REU internships are funded by the National Science Foundation (award #1757952) and support active research participation of undergraduate students. Up to 9 REU students will conduct mentored research in Data Science with applications to one of three tracks: (i) Biological and Life Sciences, (ii) Environmental Science and Applications, and (iii) Engineering and Industrial Applications.

Eligibility and Requirements:
REU applicants must be citizens or permanent residents of the U.S., be currently enrolled full-time in an accredited college or university, have completed at least one year of college, and have a demonstrated interest in or completed some coursework relevant to the REU program. Applicants must confirm that they are able to participate in the entire program.

Period:
10 weeks from May 21 – July 27, 2018 (arrival 1 day before start)

Program:
The REU students will receive a stipend of $5000 for the summer. On-campus housing at Harvey Mudd College and a meal plan are also covered by the REU program. A need-based modest travel support fund is available. The REU students

will participate in their research projects with their mentors and in on-campus data science and professional skills workshops organized by the REU administrators. The academic program is rounded out by social activities with fellow REU students. If required for the project, laboratory and safety training will be provided at the start of the REU internship. The goal of the REU site in Data Science is to provide students with an outstanding opportunity to participate in data science research, explore pathways for their future STEM education and careers, and to advance professional skills useful in today's knowledge economy.

Application Materials and Deadline:
Applicants for the 2018 summer REU internship must complete the online application (available at: https://hmc.formstack.com/forms/reu_hmc) and submit two letters of recommendation by 11:59pm PDT April 11, 2018.

The online application requires:
- A cover letter that describes your interest in data science, your professional career goals, and what you hope to obtain from a summer REU internship (limited to 1 page).
- A resume (limited to 2 pages).
- A copy of your academic transcript (unofficial is acceptable).
- 2 letters of reference.

In addition, applicants will be asked to rank the projects being offered from most preferred to least preferred.

For questions and to report technical issues, please email Tanja Srebotnjak at tsrebotnjak@g.hmc.edu.