Selected participants make significant contributions to faculty data science and computer systems research, have the opportunity to discover an interest in graduate school, and shape a future career in research. The 10-week summer program runs from Monday, May 22, 2023 to Friday, July 28, 2023 and takes place on the Prairie View A&M University campus with visits to Rice University in Houston, TX. Participants will be assigned to a faculty mentor and work closely with graduate students. Faculty are encouraged to recruit undergraduate students from PVAMU or nation-wide to join them for this great summer REU opportunity. Each faculty can also recruit a graduate student to join the team and mentor the undergraduate student. Stipend and accommodation for undergraduate and graduate students are covered by the program.

WHAT ARE SYSTEMS PROJECTS?
Systems projects could include designing and implementing new networking algorithms, new computer architectures, or software systems.

Please contact Dr. Noushin Ghaffari for more information.
RESEARCH EXPERIENCE FOR UNDERGRADUATES IN
COMPUTER & DATA SCIENCE
SUPPORTED BY GOOGLE

WHAT IS DATA SCIENCE?
Data science is the science of extracting actionable knowledge from large and complex data repositories, where “complex” may refer to the modality of the data (images, time series, text, as well as traditional tabular data) or other facets of the data in question (data can be complex because they are geographically distributed, or characterized by the ubiquity of missing or inaccurate values). It has quickly become a critical enabling capability in many different fields: science, healthcare, energy, manufacturing, finance, and many others.

ELIGIBILITY
- Majors in computer science, statistics, applied/pure mathematics, electrical engineering or other related majors
- Some knowledge of computer programming in a language such as Python or Java
- International students must be enrolled at a US university
- Students must be 18 and have the ability to come to the Prairie View A&M campus
- Applicants must be available for full-time business hours and occasional weekends if needed

COMPENSATION
- $6,500 stipend for undergraduate students
- $1,200 stipend for the graduate students serving as mentors
- Complimentary on-campus accommodations (for in-person participation from other campuses)
- $500 travel expenses (if traveling from outside the area)

KEY DATES
- Application Deadline: March 30, 2023
- Start Date: May 22, 2023; End Date: July 28, 2023

FOR QUESTIONS & MORE ON HOW TO APPLY
For questions, please contact Dr. Ghaffari at noghaffari@pvamu.edu
Application is available until March 30th at: https://forms.gle/41ri3x4Kw4hkG4268

Please contact Dr. Noushin Ghaffari for more information.