Discovery Research Program
Student Researcher
Fall 2019 Application

The Discovery Research Program aims to empower undergraduate researchers by connecting them to data science-driven research projects. Discovery encourages applicants from all research/technical skill levels, majors, backgrounds, and aptitudes. The majority of our available projects leverages tools and methodologies in Data Science for research inquiry in a broad range of topic areas. The scope of our program covers a diverse set of application-domain focused projects. Check here for examples.

While some background in particular computer science and data science courses, knowledge of programming languages/frameworks, or domain knowledge in specific fields are all very useful, we believe that diverse perspectives, backgrounds, and experiences are the essential qualities to impact and facilitate successful research.

Responsibilities
- Complete and adhere to a learning contract with your research partner
- Participation at the end of the semester Discovery Research Showcase
  - Presentation through a lightning-talk powerpoint or poster
- Weekly or bi-weekly meetings with your research supervisor

Position Details
- NOTE: This is position is not paid. You must participate in the program for units.
- Time commitment can range from 6-15 hours per week depending on the project.
- Tentative student projects can be found here: https://tinyurl.com/y69nndlq
- Tentative partner projects can be found here: https://tinyurl.com/y3ozfpgk

Qualifications
Here are a few of the qualifications that we are looking for in an ideal candidate:
- Completion of basic programming and analytic training at the level of Data 8
- Willingness to learn and adapt to interdisciplinary domain knowledge
- Excellent interpersonal and communication skills
- Self-driven and proactive work ethic
- Demonstrated teamwork abilities
- Experience in data science, computer science, or specific research domain
- Inquisitive and critical thinking abilities to solve complex data processing or data related problems

Apply here. If you have questions about the application, please email ds-discovery@berkeley.edu.