Empowering Collaborative Data Management for Astronomers

Kelle Cruz

Databases are organized collections of data that can be easily searched.

BUT, they can be tricky to build.

GOAL
- Develop new database infrastructure to make it easier for astronomers to build & collaboratively maintain databases.

ENTAILS
- DESIGNING new database schemas
- CODING new tools (in Python) for ingesting data
- COLLABORATING with astronomers to identify their needs and requirements for new databases.

IDEAL STUDENT
- Strong interest in software development
- Strong interest in data management
- Experience using Github.
- Prior experience with databases is **not necessary**.