Data Science Education Program
External Pedagogy Team - Software Engineering Intern
Spring 2020 Application

The External Pedagogy—Infrastructure team is looking for software development interns to help develop and maintain infrastructure and autograding programs for widespread external use. As a pioneer in undergraduate data science education, UC Berkeley is looking to help grow a community of practice in data science pedagogy and infrastructure worldwide. We are hoping to popularize our open source infrastructure solutions used to facilitate data science courses around the country. This opportunity is an exciting intersection between software development and data science for education. As a software development intern, you will be part of a fast-paced organization and develop features for open-source products with a global reach; our current software is used by tens of thousands of students online.

Responsibilities
- Iteratively develop open source software regarding data science education
- Develop robust features for autograding software, to be used at UC Berkeley and elsewhere
- Package existing software for widespread use and open source distribution
- Maintain infrastructural reliability for our online MOOC, Data 8X

Position Details
- This position is paid
- 10 hours weekly commitment

Qualifications
- Passionate about data science and growing data science education (inter)nationally
- Proficiency in one or more of modern programming languages: Java, Python, C++, Ruby, etc.
- Strong coding ability, including the ability to debug and extend code in existing projects
- Good communication skills and ability to work individually and in a team
- Great attention to detail

Bonuses
- Prior experience in software development in a team
- Prior experience working in open source projects
- Experience in facilitating a data science course, project, research, etc.
- Have taken or are currently taking Data Science courses offered at UC Berkeley
- Experience with web development frameworks, such as Django, rails, or Node.js

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