Data Science Education Program
Human Contexts and Ethics - Nontechnical Roles
Fall 2019 Application

The Division of Data Science and Information is looking to fill multiple nontechnical positions such as the Curriculum Developers, Curriculum Analyst, Web Content Creator, and HCE Grader in the Division’s Human Contexts and Ethics (HCE) team for Fall 2019. The HCE team members work on integrating critical thinking about ethical issues in relation to technology into the Berkeley data science program and community. They develop case studies and data sets for teaching, write and edit for their Medium blog, organize events, and do collaborative outreach on campus and online.

General Positions Details

- Minimum 6 - 8 hours weekly commitment
- Must have a deep interest in ethics surrounding issues in technology and passion for change in the educational structure of how we teach ethics in technical classrooms
- These positions are unpaid, with opportunities for advancement to paid leadership positions

Positions

**Curriculum Developer**
As a Curriculum Developer, you will be utilizing the Human Context and Ethics toolkit to create course content in technical courses focused on critical thinking in the area of ethical issues in tech.

**Curriculum Analyst**
As a curriculum analyst, you will be creating surveys to measure students' critical thinking abilities around ethical dilemmas related to technology, analyzing feedbacks from these surveys, and creating writeups.

**Web Content Creator**
As a Web Content creator, you are responsible for creating various content for the HCE websites for a general and academic audience. Also, updating case studies and researching new case studies to add to the database.

**HCE Grader**
As a HCE Grader, you will be working to scale the HCE curriculum into larger level courses (Data 100 for the fall), grading student responses, and creating an automated grading system if possible for this content.

Qualifications

- Taken History C184D or have numerous exposure to social science courses (i.e. STS, Sociology, Critical Race Studies, History, Philosophy, etc.)
- Taken preferably Data 100 and/or CS 189. Taken CS61A and CS61B (or equal coursework)
- Has some experience in teaching or taken education coursework

Qualifications

- Experience in developing surveys and analysis
- Experience in Python, Jupyter Notebook, and visualization packages in Python

Qualifications

- Strong writing skills in both academic and public frameworks
- Social Science or Humanities background (i.e. Sociology, Philosophy, Rhetoric, History, English, etc.)

In addition to the application, please include your writing portfolio with two written works, one academic/research piece and one casual piece (opinion/personal)

Qualifications

- Taken History C184D or have numerous exposure to social science courses (i.e. STS, Sociology, Critical Race Studies, History, Philosophy, etc.)
- Taken Data 100
- Preferred: some experience with being on course staff in a Data Science or Computer Science course

Apply [here](https://example.com). If you have any questions about the application, please email ds-teams@berkeley.edu.