Ollie Downs

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Education

University of California, Berkeley

Master of Information and Data Science (MIDS)	2020
Bachelor of Arts in Integrative Biology	2019

Profile

Data scientist with experience using technological tools alongside ethics, sociology, critical theory, and social justice frameworks to effectively make human-focused decisions in data-centric environments.

Professional Experience

UC Berkeley Division of Computing, Data Science & Society Data Science Education Program (DSEP)

Data Scholars Coordinator   Jan 2020 - Present

Maintains and develops the Data Scholars program, which promotes equitable and just education for students in underrepresented groups in data science, creating curriculum and community, as well as managing over 75 students and staff and performing administration.

Human Contexts and Ethics (HCE) Graduate Student Researcher   Aug 2019 - Present

Performs research on intersections of data science, gender and queerness, and justice to build upon existing coursework for the HCE course and to develop course materials for a lower-division American Cultures course.

Human Contexts and Ethics (HCE) Student Team Lead   May 2019 - Present

Manages a team of 10+ undergraduates developing ethics coursework for technical data science courses, develops learning goals and teaches HCE workshops.

Technical Projects

Termite: A Privacy Policy Review Browser Add-On   2020

Built website, visualizations, and policy categorization tools for Termite, a Chrome extension which analyzes and rates any website's Privacy Policy and Terms of Service, allowing users around the world to promote **transparency and user empowerment**.

Residential Life Theme Program Application Analysis   2019

Analyzed personal text data (application essays) to **understand needs of students** in marginalized and underrepresented groups and presented findings to 25 supervisory team members and stakeholders to **improve experiences** of Theme Program participants.

Making Natural History Data Accessible: Blog and Walkthrough   2018

Created several public online written posts walking Python learners with natural history domain expertise through Jupyter notebooks to **promote data science education and accessibility.**

Accomplishments

Awards:

2020 Paul Fasana LGBTQ Studies Fellowship Recipient	$5,000
Regents' and Chancellor's Association and Scholarship Recipient	$10,000

Speaking Engagements:

Spring 2020, Fall 2019 Data Science Education Program Showcases	Speaker & Poster Presenter
2019 Digital Humanities Fair	Poster Presenter
UC Berkeley Library Wikipedia Edit-a-Thon (Art+Feminism)	Speaker
Berkeley 150 Roadshow: The Future of Data Science	Speaker
2019 National Workshop on Data Science Education	Panel Member