Jessica Clarke

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LinkedIn
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Denver Metro Area.
Washington D.C. Sum' 2021

EDUCATION

University of Colorado Boulder
College of Media Information and Communication
BS Information Science
Expected Grad. Dec 2021
Cum. GPA: 3.4

Broomfield High School
Grad. May 2017

SKILLS

Languages:
C++, Python, R Studio
Video:
Final Cut Pro, Adobe Creative Cloud
Tools:
Tableau, HTML, CSS

COURSEWORK

Pathways to Space
Introduction to Human Spaceflight
Astronomy
Information Exploration
Ethical Policy Dimensions of Information and Technology
Fairness and Bias in AI
Information Exposition

ACTIVITIES

Women of Aeronautics and Astronautics (President)
NASA L'Space Mission Concept Academy (Lead Scientist)
Women In Computing (Member)

EXPERIENCE / PROJECTS

University of Colorado Boulder   Spring 2020, 2021
Teaching Assistant   Boulder, CO
- Worked on a team of teaching assistants to transform the classroom to the CU Space show.
- Graded assignments and answered students' questions during office hours.
- Taught with other teaching assistants when needed.

Encealdus Touchdown Natural Analyzer
NASA L'Space Mission Concept Academy   Sept. 2020 - Dec. 2020
- Designed the ETNA Rover (Enceladus Touchdown Natural Analysis) in a 70 page Project Design Review.
- Leading the science team to develop a mission objective and experiments to install on the rover.

Accounts Payable versus Population
Boulder, CO   Aug. 2020 - Dec. 2020
- Analyzed the City of Boulder Accounts Payable 2016-2019 using Python.
- Manipulated data to aggregate totals in each department to compare expenditure to estimated population increase.

Videographer/Photographer   Summer 2018, 2019
Rainbow Trail Lutheran Camp   Hillside, CO
- Created a compilation video at the end of each week for campers to take home.
- Produced over 100 videos each summer
- Organized the photos and videos for future use in advertisements.
- Designed a website for video downloads of each "My Week At Camp" videos.

Increase Participation in the City of Boulder
Boulder, CO   Sept. 2019- Dec. 2019
- Researched the participation of CU Students at City of Boulder events.
- Designed solutions to increase participation by strategic marketing and student organization involvement.