

# CHRISTINA CARR

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Portfolio: <https://github.com/ccarr1499/data-science> LinkedIn: [linkedin.com/in/christina-m-carr](https://www.linkedin.com/in/christina-m-carr)  
I'm passionate about using data to better understand behavioral science and human decision making.

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## EDUCATION

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### *Master of Information and Data Science*

University of California, Berkeley

Aug. 2020 - Aug. 2021

- Inaugural and sole recipient of the Sharon Lin & Andrew Bullen Graduate Fellowship in Data Science
- Current coursework: Research Design and Applications for Data and Analysis, Statistics for Data Science (using R), Fundamentals of Data Engineering, Applied Machine Learning
- **Projects:**
  - Answered business-driven questions about data from Lyft Bay Wheels in a project using SQL and Jupyter Notebooks with Google Cloud Platform and BigQuery
  - Implemented an image recognition system for a classification project studying digits using K-Nearest Neighbors, Naive Bayes, and Linear Regression classifiers in Python's scikit-learn package

### *Bachelor of Arts, High Honors in Cognitive Science*

University of California, Berkeley

Aug. 2016 - May 2020

- Researched the influence of self-esteem on the exhibition of self-enhancement bias in an independently conducted honors thesis by cleaning, visualizing, and modeling data using linear regression and statistical tests in R
- Moore Accuracy Lab: Research Assistant May 2019 - May 2020
  - Investigated the influence of different environments on overconfidence in decision making
- Data Scholars at Berkeley: Lead of Communications and Outreach Jan. 2017 - Jul. 2017
  - Led and organized orientation and networking events
  - Facilitated the creation of a mentorship program to assist underrepresented students in data science
- University of California Marching Band: Trip Manager, Food Manager Jan. 2018 - Dec. 2018
  - Managed the travel and logistics for the band's (250+ person) trip to Los Angeles
  - Negotiated a lower hotel reservation cost by encouraging competition between multiple hotels

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## RESEARCH AND WORK EXPERIENCE

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### *Research Assistant – Customer Intelligence Data Analytics*

Osher Lifelong Learning Institute

Aug. 2018 - Present

- Redesigned the company's fee system by analyzing points of financial loss in Python
- Measured the effectiveness of increasing member outreach by creating a report on the change in breadth of customer locations using Python heatmaps
- Created a decision tree model for predicting customer churn using Python's scikit-learn package to guide business decisions related to targeted discounts and customer recruitment
- Utilized feedback survey data to ensure customer satisfaction in the transition to online courses

### *Operations Coordinator*

Classroom Management Program

Aug. 2017 - Dec. 2018

- Analyzed nightly shift data on student groups' classroom use responsibility, using this data to communicate warnings to group leaders if policies were violated
- Managed 40+ employees, ensuring they accurately and concisely reported on classroom use infractions
- Increased efficiency and ease of analysis by designing an online form for future company use

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## SKILLS

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Python (pandas, matplotlib, scikit-learn, re, scipy, csv) | R (ggplot2, dplyr, tidyr, stringr, psych) | SQL |  
Microsoft Suite | Google Drive | Photoshop | InDesign | Communication | Teamwork | Leadership