CHRISTINA CARR

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Portfolio: https://github.com/ccarr1499/data-science LinkedIn: linkedin.com/in/christina-m-carr

I'm passionate about using data to better understand behavioral science and human decision making.

EDUCATION

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*

- Conducted my honors thesis researching the influence of self-esteem on the exhibition of self-enhancement bias by cleaning, visualizing, and modeling data using 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

RESEARCH AND WORK EXPERIENCE

Research Assistant – Customer Intelligence Data Analytics

Osher Lifelong Learning Institute   *Aug. 2018 - Present*

- Discovered substantial points of financial loss in the company's fee system, and researched ways to mitigate this loss by analyzing customer spending habits 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 predictive 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

SKILLS

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