

# Eva Sidlo

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## EDUCATION

### UC Berkeley | Data Science with Domain Emphasis in Quantitative Social Science | Class of 2021 | DS Commencement Speaker

Coursework: Data and Decisions, Techniques of Data Science, Structure of Computer Programs, Data Structures, Human Contexts and Ethics, Language Models and Text Analysis, Machine Learning, Data Mining and Analytics, Time Series

## WORK EXPERIENCE

### Pure Storage | Demand Planning Analyst Intern

June 2021 - Present

- Created safety stock tracking Tableau dashboards to support demand planning managers to monitor shortage risk of key components based on part lead time, demand volatility and where-used commonality and multi-sourcing evaluation.
- An analysis that used to take at least a week has been condensed to seconds with this tool.
- Built executive dashboard for diagnosing noise sequence and random walk among historical fluctuation and forecasting values generated from multiplicative time series model via PostgreSQL & Tableau.
- Developed an integrated web portal to host google sheet reports and tableau dashboards through python django MVC framework, HTML, CSS and JavaScript.

### Common Sense Media | Machine Learning Intern

Dec 2020 - June 2021

- Developed a tool using Heroku and Python Flask by crowdsourcing from a variety of sources to highlight problematic media titles that scrapes and determines sentiment using NLP
- Expedited review process for backlog of media titles.

### University of California, School of Public Health | Data Analyst

Dec 2019 - June 2021

- Performed geospatial analysis using GeoPandas, Folium, and ArcGIS.
- Spearheaded visual story-telling by constructing user-friendly interactive designs with raw qualitative data.

### DataGood | Project Developer

Feb 2021 - June 2021

- Co-led a team to develop a classifier that suggests crop to plant for the upcoming season.
- Independently conducted geospatial analysis of disease progression for each crop type to analyze farming harvests based on geographic location, weather, crop type, and more.

### City of Paterson NJ | Data Analyst

Aug 2020 - Jan 2021

- Through various data scraping methods and API calls, extracted data from Zillow, Twitter, and Craigslist. Proactively arranged meetings to update progress while assisting teammates in additional responsibilities.
- Identified regions that were significantly marked above averaged contracted rents so the city could address associated landlords.

### NASA NCAS Program | Intern

Nov 2017 - Mar 2018

- Coordinated and debugged code to validate software success while assessing robotic limitations.
- Acted as liaison between engineer and software team.
- Awarded 2nd place and MVP from among 40 others after completing hybrid jet propulsion research project & Invited to Ames Research Center to compete in Mars Rover competition.

## SKILLS/LIBRARIES

- Programming Language: Python, Unix Shell Script
- Data Analytics Tool: Python(Pandas, Numpy, Scikit-Learn, NLTK), R, Alteryx
- Data Visualization: Python(Seaborn, Matplotlib, Plotly, Dash), Tableau
- RDBMS: MySQL, Microsoft SQL Server(T-SQL), Oracle SQL(PL/SQL), PostgreSQL
- Web Development: Python Flask, Python Django, HTML, CSS JavaScript, Heroku

