

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

- Constructed a Tableau dashboard to show parts with the highest risk of supply & suggested safety stock levels for parts based on desired service levels, as indicated by part lead-time, demand volatility, multi-sourcing, and where-used commonality.
- Pulled data by using PostGresSQL on Dbeaver and optimized performance to enable analysis to be done in seconds that used to take weeks.
- Tool allows the team to drive key component safety stocks to enable revenue attainment, and upside flexibility inside of component lead time.

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

