CLARA RHOADES

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summary

Data science master's candidate at UC Berkeley with a distinctive blend of technical acumen and a humanities-driven perspective. Skilled in analyzing data to uncover actionable insights and support data-driven decision-making. With 5+ years as a certified Salesforce Administrator, I excel at managing complex systems, optimizing workflows, and solving intricate data challenges to achieve strong business results. Proficient in Python, SQL, and R, I am eager to apply my growing knowledge of machine learning, data engineering, and NLP to impactful, real-world projects.

education

Master of Information and Data Science

University of California, Berkeley, School of Information. Anticipated graduation: December 2025.
- Current courses: Data Science Programming, Research Design & Applications, Statistics
- Future courses: Data Engineering, Applied Machine Learning, NLP with Deep Learning

BA, Double major, minor: Philosophy, History of Math and Science; Comparative Literature, Classics

St. John's College, Santa Fe. Graduation: May 2019.
- First student in College's history to successfully author and publicly defend, before a panel of experts, two senior theses, each requiring a year-long research endeavor.

experience

System Administrator II

The Mission Continues, Remote   *January 2023 - Present*

Leading end-to-end implementation of digital tools, driving strategic decision-making by leveraging data analytics and automation, resulting in faster insights and streamlined workflows.
- Analyzing donor and community data to strategically expand operations into 2 new cities, scaling impact to 42 cities nationwide and increasing overall volunteer activity by almost 20%.
- Developed and deployed a mobile app integrated with core database systems, achieving a 95% volunteer satisfaction rate and increasing veteran leader confidence by 38%.
- Conducting comprehensive gap analysis and overseeing database configuration projects, enhancing data integrity and compliance by implementing best practices in data governance and quality assurance.
- Building dynamic, real-time dashboards tracking cross-functional KPIs, improving operational efficiency and empowering leadership to make informed, strategic decisions.
- Supervising and mentoring 2 junior system administrators in maintaining a scalable technology infrastructure, ensuring smooth operations, and supporting the deployment of key organizational systems

Systems Director

New Schools for Baton Rouge, Baton Rouge, LA   *June 2021 - January 2023*

Certified Salesforce Administrator and project manager overseeing cross-functional teams, leading 3 direct reports in optimizing Salesforce workflows and technology solutions to drive operational efficiency and innovation.
- Developed advanced Salesforce and Tableau dashboards, providing cross-domain data visualizations that empowered company executives and partners to make data-driven, high-stakes decisions, optimizing resource allocation and improving student learning outcomes.
- Utilized website analytics to lead the launch of a new school application system, driving a 200% increase in community engagement and streamlining the application process to enhance user experience.
- Designed and implemented sophisticated Salesforce workflows, optimizing donor management and automating key processes to maximize results, enabling $30M+ in fundraising in fewer than 3 years.

Systems Manager

New Schools for Baton Rouge, Baton Rouge, LA   *November 2020 - June 2021*

Harnessed data insights to optimize information systems, fundraising, communications, and operations, resulting in measurable improvements in efficiency, program outcomes, and organizational impact.
- Designed and implemented a scalable Salesforce database infrastructure from scratch, creating a foundation that streamlined data management, enhanced reporting accuracy, and supported organizational growth.
- Led the launch of 3 full-scale websites, developing a strategic approach supporting $17M+ in fundraising, increased user engagement, and improved donor experience through enhanced digital platforms.

skills & tools

Programming Languages: Python, R, SQL
Code Management: Github, Jupyter Notebooks, Visual Studio Code, RStudio
Visualization: Matplotlib, Altair, Plotly, ggplot2, Excel
Statistics: Pandas, NumPy, Linear Regression, Time Series Forecasting, Power Analysis