CLARA RHOADES

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summary

UC Berkeley data science master's candidate with distinctive blend of technical acumen and humanities-driven approach. Excellent at managing complex systems, building scalable solutions, and leveraging data to achieve strong business results. Proficient in Python, SQL, and R; eager to apply advanced skills in machine learning to impactful projects.

education

Master of Information and Data Science
University of California, Berkeley, School of Information. Anticipated graduation: December 2025.
- Completed rigorous coursework in big data, machine learning (linear and logistic regression; neural networks), statistics, predictive modeling, programming, data wrangling, data visualization, and data engineering with a strong focus on ethical applications of data science to solve complex, impactful problems.

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

Technology and Data Systems Lead
The Mission Continues, Remote   *January 2023 - Present*
Co-lead of the technology team, building data pipelines, predictive modeling, automation, and analytics to support strategic decision-making.
- Coordinated a team of 3 in website development and system administration, delivering scalable solutions that improved organizational efficiency.
- Analyzed donor and community data to strategically expand operations into 2 new locales, 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%.

Director of Development and Data Strategy
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, leveraging predictive analytics to empower high-stakes decision-making, optimize resource allocation, and improve 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 and automating key processes to maximize results, enabling increased organizational efficiency and $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, streamlining data management, enhancing reporting accuracy, and supporting organizational growth.
- Led the launch of 3 full-scale websites and strategies achieving $17M+ in fundraising, increased user engagement, and improved donor experience through enhanced digital platforms.

skills & tools

Programming: Python, R, SQL
Machine Learning: TensorFlow, Pytorch, Scikit-learn/Sklearn
Data Science: Pandas, NumPy, Tidyverse, Linear Regression, Logistic Regression, Neural Networks
Visualization: Matplotlib, Seaborn, Plotly, ggplot2, Tableau, Excel
Data Engineering: AWS EC2, Salesforce (Certified Administrator), FormAssembly, PostgreSQL, Docker
Code Management: Github, Jupyter Notebooks, Visual Studio Code, RStudio