

Wajahat Khan

📍 Richmond, California, United States ✉ wajamail99@gmail.com ☎ (510) 309-7334 🔗 <https://www.linkedin.com/in/wajakhan-258385254/>
🌐 <https://shorturl.at/kmGU7>

SUMMARY

Data Science professional with 1 year of experience and a strong background in Machine Learning Operations Engineering and Data Science. Proficient in various programming languages, data manipulation, and statistical analysis. Data Science Internship at The Spark Foundation to further develop skills in data modeling, predictive analytics, and machine learning algorithms. Have a solid foundation in data visualization and communication to effectively present insights to stakeholders.

EXPERIENCE

Data Science Internship | The Spark Foundation | Singapore | December 2022 - May 2023

- Engaged in a rigorous Graduate Rotational Internship Program, gaining hands-on experience in real-world data science applications.
- Collaborated seamlessly on multifaceted team projects, honing problem-solving abilities and fostering a strong teamwork ethos.
- Conducted comprehensive and targeted research to drive data-driven decision-making processes.
- Conducted thorough data analysis using Python and SQL, resulting in actionable insights for the team and a 20% increase in data accuracy.

Data Entry/ Information Technology / Assistant | Lita Pettus-Dotson Law Firm | Alameda, CA | June 2018 - August 2018

- Transformed data management from paper to electronic storage.
- Proposed portable USBs, reducing cost and time by 50%.
- Assisted clients with filling requirements, ensuring compliance.
- Implemented streamlined processes for improved client interactions.
- Eliminated printers and legal disposal services, contributing to sustainability.
- Advocated for eco-friendly and cost-effective data management.
- Accurately input and manage large volumes of data, ensuring data integrity and maintaining a 99% accuracy rate.

PROJECTS

UC Berkeley Bike Sharing | University of California, Berkeley | August 2023 - December 2023

- Initiated and led a bike-sharing project, guiding the team in predicting demand and optimizing model variables.
- Directed the creation of a top-tier model from scratch, outperforming master's student benchmarks.
- Achieved nearly perfect prediction accuracy (99.9%) using a robust random forest model, showcasing technical excellence.
- Played a crucial role in data collection, utilizing a custom script for a 40-year dataset from Google, enhancing model robustness.
- Managed data cleaning with precision, implemented diverse models, and conducted thorough independent variable testing.
- Demonstrated effective communication and presentation skills, ensuring a cohesive and impactful project outcome.
- Organized and led a cross-functional team of 7 members, achieving all milestones within the allotted timeframe and improving overall project efficiency by 20%.

Kaggle Competition - Titanic | University of California, Berkeley | August 2023 - December 2023

- As project manager, led the team in a Kaggle competition against master's students, utilizing machine learning algorithms like random forests and logistic regression to achieve a top 10% ranking out of 700 participants.
- Ensured collective productivity, setting high standards, and emphasizing individual contributions to team success.
- Leveraged Google Colab for seamless collaboration during a two-week project, predicting survival outcomes based on factors such as gender and age.
- Emphasized teamwork, exploring diverse theories and testing multiple variables to refine the predictive model.
- Managed time constraints efficiently, coordinating efforts to surpass other teams with a shared commitment to excellence.
- Achieved project success highlighting the significance of teamwork and collaboration, instrumental in outperforming peers.

EDUCATION

Bachelor in Data Science | University of California, Berkeley | Minor in Economics | Berkeley, California | 2023

SKILLS

Coding Languages: Python, Java, R, SQL, Excel, HTML, CSS.

Data Science Skills: Exploratory Data Analysis and Data cleaning, Pandas, Text Wrangling and Regex, Modeling, Simple linear Regression, Ordinary Least Squares, Sklearn, Gradient Descent, Feature Engineering, Regularization, Random Variables, Cross Validation, SQL, Logistic regression, PCA, KMeans clustering, Decision Trees, Linear algebra.

Technical skills: Research and communication tools such as email, web browser, web apps, database search, Google apps.

AWARDS: Harvard, Certificate Selection for Award, National Academy of Future Scientists and Technologists Award of Excellence. **UC Berkeley**, Official Paleontologists Assistant award. **Phi Beta Kappa** Award.